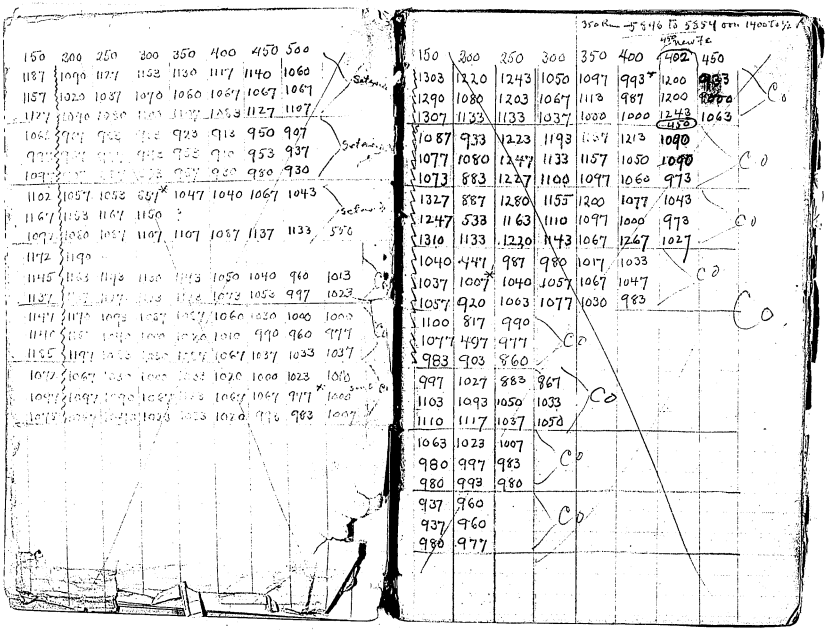
Notebook, N-10-01-02.1

		Cold	50	100
21 Hole .005 Spiral 707 ½ w filtered dried high heat — 10 of 24 green	5452	1167	1185	1175
	5453	1200	1200	1170
2½% KOH 5.56	5454	1185	1172	1135
21 Hole .005 Spiral 707 ½ wash not filtered dried low heat 10 of 24 green	5455	1155	1107	1075
	5456	1157	1065	1025
2½% KOH 5.04	5457	1180	1120	1117
21 Hole .005 No wash filtered dried low heat 707 10 of 24 green	5509	1196	1130	1095
	5510	1212	1177	1172
5.49	5511	1215	1117	1092
21 Hole .005 Spiral 707 ½ wash filtered dried low heat 2½% 10 of 24 green	5530	1183	1165	1150
	5531	1157	1150	1137
5.24	5532	1165	1137	1127
Dup 5530 707 21 Hole .0035 Spiral P...	5533	1217	1177	1155
	5534	1207	1182	1157
Dup 5530 707 26 X 30 .005 Spiral P	5535	1210	1220	1180
	5536	1145	1115	1075
	5537	1137	1095	1097
	5538	1177	1050	1100

5846 - 4 cotton changed to new on run which was No. 5

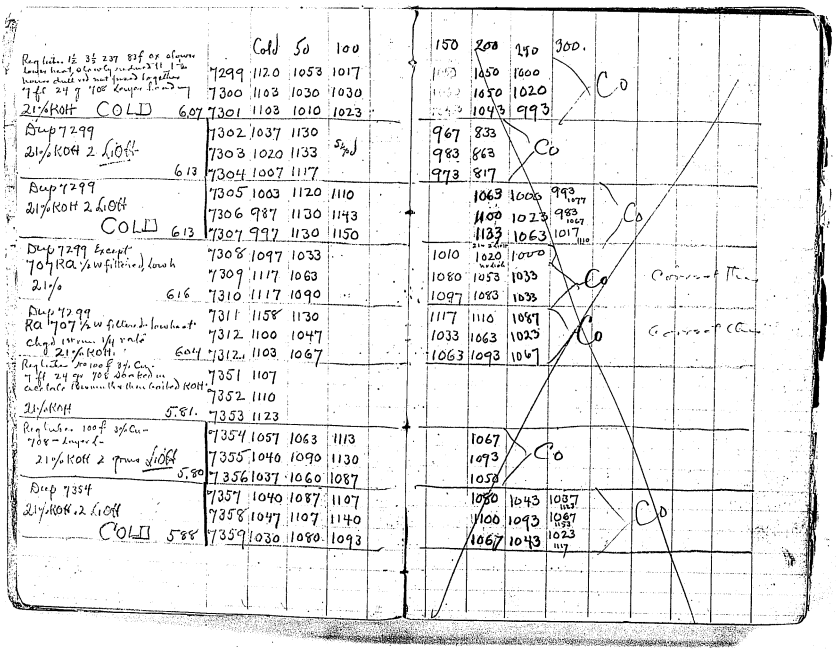
	This	Cold	50	100
21 Hole .005 1½ spiral 3½ wt 708 10 of 24 green ½ wash not filtered dried low heat.	5846	1337	1375	1370
	5847	1337	1345	1370
2½% KOH 2 grms LiOH 5.18	5848	1337	1365	1362
2.5% KOH 2 grms LiOH 5.19	5849	1307	1302	1317
	5850	1320	1325	1350
	5851	1320	1322	1400
2.3% KOH 2 grms LiOH 5.23	5852	1260	1297	1350
	5853	1227	1252	1287
	5854	1232	1275	1342
2½% KOH 2 grms LiOH 5.22	5855	1192	1232	1232
	5856	1187	1212	1210
	5857	1192	1220	1217
1½% KOH 2 grms LiOH. 5.24	5858	1170	1210	1187
	5859	1180	1180	1147
	5860	1180	1247	1212
21 Hole .005 1½ spl wt 2 708 10 of 24 — 2½% KOH 2 grms LiOH 68 Plate 4.98	5992	1162	1177	1093
	5993	1157	1197	1190
	5994	1145	1193	1173
Dup 5992 17 KOH 2 LiOH	5995	1125	1180	1133
	5996	1120	1163	1087
	5997	1120	1150	1110
Dup 5992 13% K 2 LiOH	5998	1100	1133	1060
	5999	1115	1153	1087
	6000	1100	1123	1087

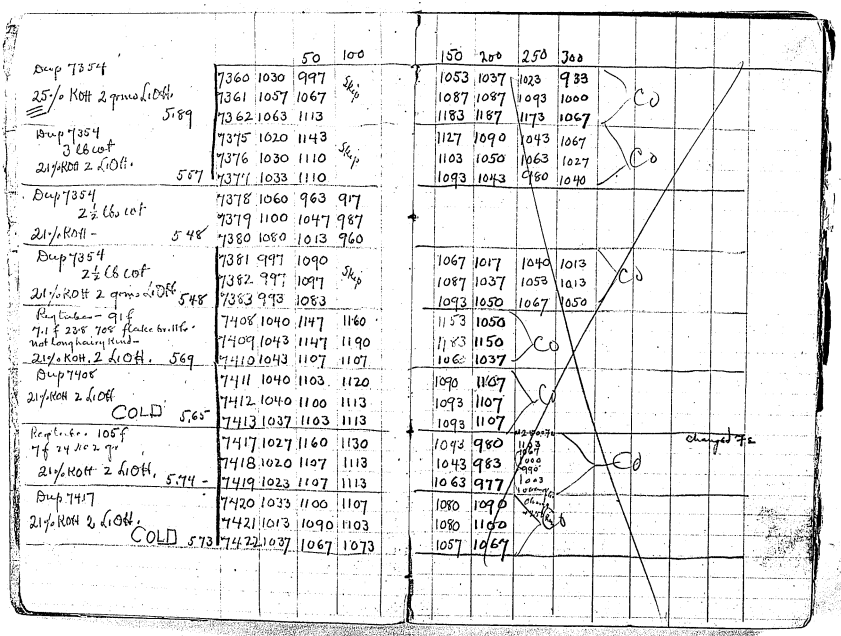


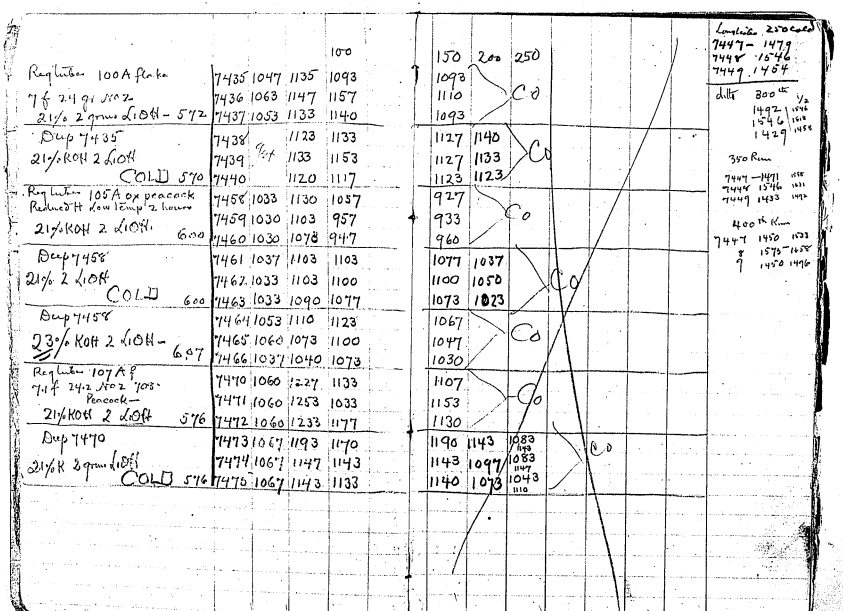
		Co	50	100
2 Hole 1½ spl 708 No 2 5 ft 24 g - ½ thick 2½% KOH. 2 grms LiOH. 7 of 5.69	6103	1122	1213	1170
	6104	1137	1230	1077
	6105	1115	1190	950
2½% KOH 2 LiOH. 3 grms Ferrous hydroxide	6202	1002	1030	1043
	6203	1000	977	1000
	6204	1027	1010	1033
2 Hole 005 1½ spl 24 No 2 708 - Run 30 10 ft No 24 Sweaky - run 20 ft left. 2½% KOH 100 mlg/LiOH. COLD	6714	953	950	983
	6715	977	960	997
	6716	980	977	987
Strip 6714 2½% 200 mlg/LiOH COLD	6717	977	987	1027
	6718	957	970	1000
	6719	970	973	997
2½% 500 mlg LiOH COLD	6720	987	1037	1067
	6721	957	1037	1053
	6722	960	990	1007
2½% 1 grm LiOH COLD	6723	980	1020	1010
	6724	997	1033	1033
	6725	973	1033	1043
2½% 2 grms LiOH COLD	6726	973	983	987
	6727	963	1017	1013
	6728	953	1020	1017
2½% 3 grms LiOH COLD	6729	990	1041	1030
	6730	977	1030	1017
	6731	993	1047	1043
2½% 1 grm LiOH. COLD	6732	933	897	867
	6733	970	1017	993
	6734	930	917	867

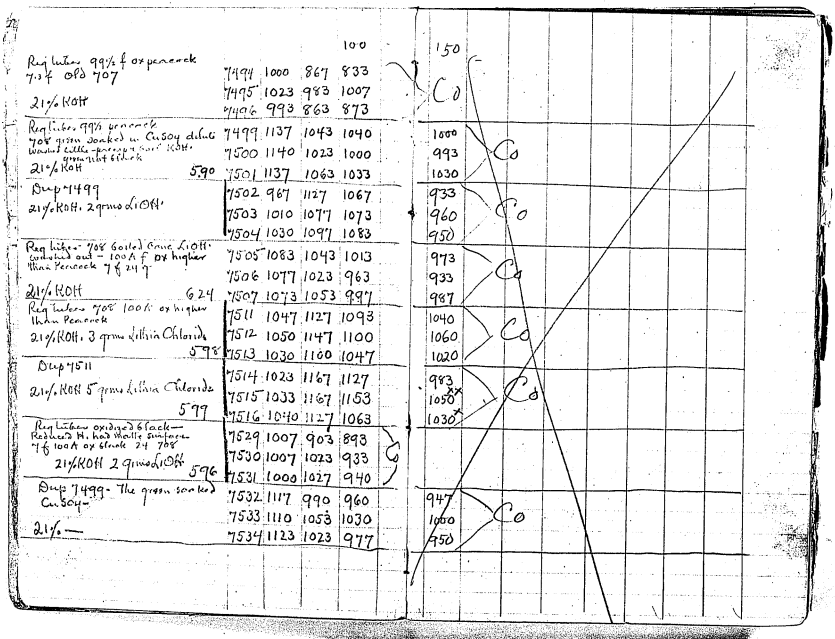
150	200	250	300	350	400	
1147	1053	1087	1013	847	893	C0
1177	1063	1117	973	893	897	
1160	1090	1107	977	927	950	
1083	930	973	1023			
1040	930	940	957			C0
1050	957	953	957		400	
1010	1050	1030	1067	1063	1038	628
1030	1067	1050	1080	1067	1043	660
1043	1077	1057	1117	1093	1067	664
1050	1083	1060	1117	1103	1083	650
1010	1057	1050	1097	1067	1050	623
1027	1067	1050	1097	1080	1057	647
1073	1110	1110	1168	1133	1110	757
1063	1110	1100	1143	1123	1083	690
1027	1063	1073	1117	1083	1067	737
1027	1057	1067	1110	1063	1057	753
1050	1060	1093	1123	1067	1043	763
1050	1083	1100	1137	1097	1067	803
970	967	1050	1020	927	917	810
1010	1043	1063	1087	1043	1023	813
1018	1043	1067	1097	1037	1023	843
1040	1060	1053	1107	1040	1038	640
1010	1070	1027	1067	983	980	867
1047	1060	1053	1117	1040	1023	953
853	877	937	993	933		C0
950	970	986	1050	1040		
867	900	940	977	960		

	Cold	50	100	150	200	250	300
21 Hole .005 In 2 grams 705 5 sq ft of Trough H 20 78 ft Temper Condensing - 101.80 Hz	6835 1035	1010	1020	1087			
	6836 1063	1010	1053	1020			
21% KOH 1 grams LiOH. 6.05	6837 1060	1067	1143	1078			
Dup 2 grams LiOH. 6.11	6838 1023	1077	1177	1130			
	6839 1003	1050	1130	1087			
	6840 1020	1090	1127	1097			
21 Hole 1½ 3 Hr 705 Nitration gal flame adj - low side - 21 1/2 % 1½ hours hot plate 88 F not H - 78 F 24 % -	7157 1057	1010	977	990	1010		
	7158 1077	1023	990	1010	1023		
21% COLD 5.66	7159 1070	1043	993	1010	1027		
Dup 7157	7160 1063	1122	1147		1063		
21% KOH 2 grams LiOH 5.47	7161 1063	1117	1160		1080		
	7162 1027	1047	1097		1063		
Dup 7157	7163 1037	1067	1043	1070	1063	1060	1027 1047
21% KOH. 2 grams LiOH.	7164 1040	1090	1057	1087	1073	1043	1030 1023
COLD 5.69	7165 1053	1100	1067	1097	1090	1067	1043 1027
21 Hole 1½ 3½ 708 83 F 24 % 7% Conc as reduced H I know could be	7248 1147	1050			1077	993	
	7249 1150	1010			983	993	
21% KOH - 5.94	7250 1160	1090			940	933	
21 Hole 605 Hy 83 F or some as 7248 7% 24 708	7284 1140	1067		970	897		
21% KOH 2 grams LiOH. 5.99	7285 1120	1123	Skip	990	913		
	7286 1117	1173		1080	927		
Dup Using 3 grams feed until off 83 F or used H to high called up. 7% 24 %	7290 1143	1103	957				
	7291 1133	1067	973				
21% KOH 2 grams LiOH. 5.82	7292 1123	1033	980				


Cold 50 100
Reg Lister 1½ 3½ 237 83f ox albumen broke heavy otherwise medium 11 1¾ hammer dried well mixed ground together 7gfs 24 g 10% Konyer Reagent
7299 1120 1058 1017
7300 1103 1030 1030
21% KOH COLD 6.07
7301 1103 1010 1023
Dup 7299
21% KOH 2 LiOH
6.13
7302 1037 1130
7303 1020 1133
7304 1007 1117
Dup 7299
21% KOH 2 LiOH
COLD 6.13
7305 1003 1120 1110
7306 987 1130 1143
7307 997 1130 1150
Dup 7299 Except
70% Raf ½ w filtered 1 hour
21%
6.16
7308 1097 1033
7309 1117 1063
7310 1117 1090
Dup 7299
Raf 70% ½ w filtered 1 hour at
chg's in mix ratio
& 21% KOH
6.04
7311 1158 1130
7312 1100 1047
7312 1103 1067
Reg Lister 300 100 f 3% Cu
7 gfs 24 gr 70% Soln Rochelle
acid salt Potassium Na (Rochelle salt) KOH
21% KOH
5.81.
7351 1107
7352 1110
7353 1123
Reg Lister 100 f 3% Cu
70% - 1 mpr f -
21% KOH 2 grams LiOH
5.80
7354 1057 1063 1113
7355 1040 1090 1130
7356 1037 1060 1087
Dup 7354
21% KOH 2 LiOH
COLD 5.88
7357 1040 1087 1107
7358 1047 1107 1140
7359 1030 1080 1093
150 200 250 300.
1650 1600
1650 1020
1043 993
967 833
983 863
973 817
1063 1000 993
1100 1023 993
1133 1063 1017
1010 1020 1000
1080 1053 1033
1097 1083 1033
1117 1110 1087
1033 1063 1023
1063 1093 1067
1067
1093
1058
1080 1043 1037
1100 1093 1067
1067 1043 1023
Co
Co
Co
Co
Co
Co
Co
Co


Dup 7354
25% KOH 2 gms LiOH. 5.89
Dup 7354 3 Lbs cat 21% KOH 2 LiOH. 5.67
Dup 7354 2½ Lbs cat 21% KOH - 5.48
Dup 7354 2½ Lbs cat 21% KOH 2 gms LiOH 5.48
Regulator - 91 ft 7.1 ft 228 705 Plates br. 116. Not Long hairy mud - 21% KOH. 2 LiOH. 5.69
Dup 7408 21% KOH 2 LiOH COLD 5.65
Regulator. 105 ft 74 ft 202 gr 21% KOH - 2 LiOH. 5.44 -
Dup 7417 21% KOH 2 LiOH. COLD 5.73
50 100 150 200 250 300
7360 1030 997
7361 1057 1067
7362 1063 1113
7375 1020 1143
7376 1030 1110
7377 1033 1110
7378 1060 963 917
7379 1100 1047 987
7380 1080 1013 960
7381 997 1090
7382 997 1097
7383 993 1083
7408 1040 1147 1160
7409 1043 1147 1190
7410 1043 1107 1107
7411 1040 1103 1120
7412 1040 1100 1113
7413 1037 1103 1113
7417 1027 1160 1130
7418 1020 1107 1113
7419 1023 1107 1113
7420 1033 1100 1107
7421 1013 1090 1103
7422 1037 1067 1073
1053 1037 1023 933
1087 1087 1093 1000
1183 1187 1173 1067
1127 1090 1043 1067
1103 1050 1063 1027
1093 1043 960 1040
1067 1017 1040 1013
1087 1037 1053 1013
1093 1050 1067 1050
1153 1050
1183 1150
1062 1037
1090 1167
1093 1107
1093 1107
1093 980
1043 983
1063 977
1080 1090
1080 1160
1057 1067
Co
Co
Co
Co
Cd
Cd
changed Fe
1063
1067
1000
990
1003
1000 mg
changed
Fe
Cd


100
Reg Luther 100A fr Ike
7 & 24 gr NO2
2.1% 2 grms LiOH - 57Z
7435 1047 1135 1093
7436 1063 1147 1157
7437 1053 1133 1140
Dup 7435
21% KOH 2 LiOH
COLD 570
7438 1123 1133
7439 1133 1153
7440 1120 1117
Reg Luther 105A ox peacock
Reduced H low temp 2 hours
21% KOH 2 LiOH. 600
7458 1033 1130 1057
7459 1030 1103 957
7460 1030 1078 947
Dup 7458
21% 2 LiOH
COLD 600
7461 1037 1103 1103
7462 1033 1103 1100
7463 1033 1090 1077
Dup 7458
23% KOH 2 LiOH - 607
7464 1053 1110 1123
7465 1060 1073 1100
7466 1037 1040 1073
Reg Luther 107A f
7 & 24.2 NO2 108.
Peacock -
21% KOH 2 LiOH 576
7470 1060 1227 1133
7471 1060 1258 1033
7472 1060 1233 1177
Dup 7470
21% K 2 grms LiOH
COLD 576
7473 1067 1193 1170
7474 1067 1147 1143
7475 1067 1143 1133
150 200 250
1093
1110
1093
Co
1127 1140
1127 1133
1123 1123
Co
927
933
960
Co
1077 1037
1100 1050
1073 1023
Co
1067
1047
1030
Co
1107
1153
1130
Co
1190 1143 1083 1139
1143 1097 1083 1107
1140 1073 1043 1110
K O
Luminic 250 cond
7447 - 1479
7448 - 1546
7449 - 1454
diff 800 th 1/2
1492 1498
1546 1552
1429 1454
350 Rum
7447 - 1471 1488
7448 1546 1531
7449 1433 1492
400 th Rum
7447 1450 1533
8 1575 1558
9 1450 1496


Reg Luther 99% f ox peacock
7.1f OD 707
21% KOH
7494 1000 867 833
7495 1023 983 1007
7496 993 863 873
Reg Luther 99% peacock
708 grain soaked in CuSO4 dilute
washed with pure water KOH
21% KOH 590
7499 1137 1043 1040
7500 1140 1023 1000
7501 1137 1063 1033
Dup 7499
21% KOH. 2 grms of LiOH
7502 987 1127 1067
7503 1010 1077 1073
7504 1030 1097 1083
Reg Luther - 708 boiled Cu++ LiOH
Cu++ dilute and - 100 A f ox higher
than Peacock 7 f 21 7
21% KOH 624
7505 1083 1043 1013
7506 1077 1023 963
7507 1073 1053 997
Reg Luthers 708 100 A ox higher
than Peacock
21% KOH. 3 grms Lithia Chloride
598
7511 1047 1127 1093
7512 1050 1147 1100
7513 1030 1160 1047
Dup 7511
21% KOH 5 grms Lithia Chloride
599
7514 1023 1167 1127
7515 1033 1167 1153
7516 1040 1127 1063
Reg Luthers oxidized black—
Rasburn H. had Mostly pinfoxes—
7 f 100 A ox streak 24 708
21% KOH 2 grms LiOH 596
7529 1007 903 893
7530 1007 1023 933
7531 1000 1027 940
Dup 7499 - The grain soaked
CuSO4—
21% —
7532 1117 990 960
7533 1110 1053 1030
7534 1123 1023 977
100
150
Co
1000
993
1030
Co
933
960
950
Co
973
933
987
Co
1040
1060
1020
Co
983
1050
1030
Co
947
1000
950
Co

		Cold	50	100	
Repetition 708 soaked 12 grms Cobalt Sulphate gum ar ff 7.3 24 g. —	7547	750	833	867	
21% KOH. 577	7548	720	783	797	
	7549	720	800	833	
Dup 7547	7550	877	1060	990	
21% K 2 grms LiOH.	7551	863	1050	1010	CO
577	7552	880	1087	1040	
Rep tests 708 g mixed with sliding emulsion of como graphite ar ff 7.3 —	7571	1157	957	833	
21% KOH. 596	7572	1157	953	800	Co
	7573	1147	993	887	
Dup 7571	7574	1153	1133	1000	
21% KOH 2 LiOH.	7575	1153	1150	1000	CO
585	7576	1127	1007	890	
Repetition 7 grms of 708 soak Cobalt Bismuth hydrate in Nitrogen 4 min in each grm each 60% KOH.	7619	1000	1033	1040	
21% KOH. 638	7620	1027	1053	923	
	7621	1007	1023	990	
Dup 7619	7622	1097	1267	1297	
21% KOH 2 grms LiOH	7623	1107	1270	1260	
657	7624	1117	1267	1283	
Dup 7619	7625	980	1023	930	
Except grain soaked 1 hour in Bi Sol not washed - dried - boiled KOH - 7ff 24 g - 21% 616	7626	980	927	917	
	7627	970	957	980	
Dup 7625	7628	1067	1170	1140	
21% KOH 2 grms LiOH	7629	1063	1227	1210	
617	7630	1067	1217	1267	

Run on board 300 Time Cold 200 hot
now 1157 - 1157 - 1137

150 200 250 300 ½ Hot

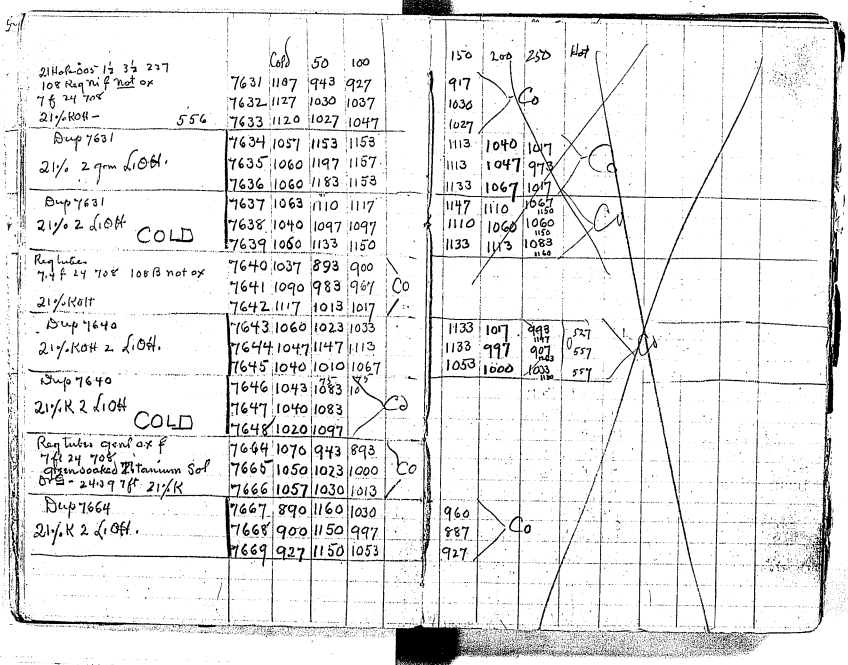
Φ Two results taken through mouse from wire hunt - pole piece Bi gum not

CO

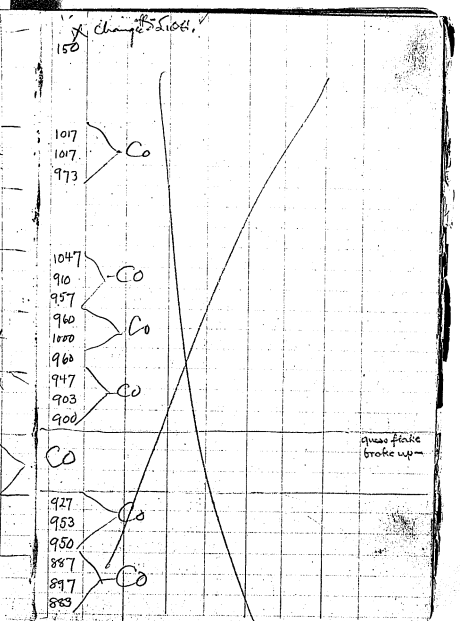
				350	½	Hot	
				1093	1197	600	
				1140	1237	267	CO
				1143	1263	520	

1017	963	963		943	967	253		
1017	953	953	Co	867	897	253	Co	
983	960	953		917	963	280		
				now 72				
1253	1083	1913 1337	833	1167	1317	830		
1170	960	1980 1393		671	1293	677		grease + wall
1240	1083	1983 1338		650	1166	790		
983	890	907		877	973	317		
873	810	793		700	713	297		put — 2 LiOH + Run hunt again
1000	900	927		913	973	344		
1280	1030	Ordered Change run (Low Collimation)						
1277	990	Looked good 7628 — some spots 2 bad		Change 2 1908		1283	½	
1253	990					1203	1317	
						1283	1363	

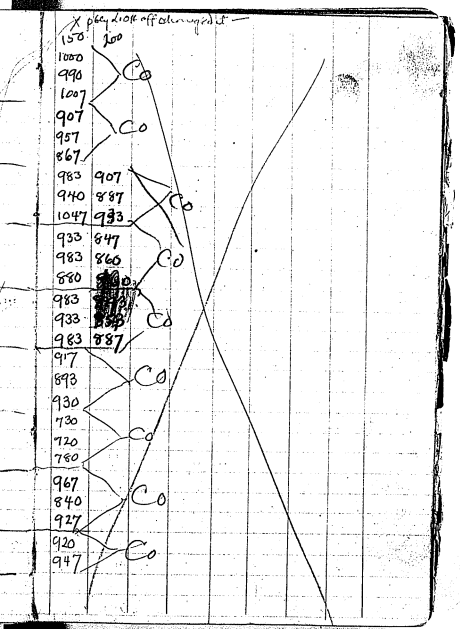
July 2nd put up with new 72 to run Cold again —


2 1 Hour-ovs 13 32 227
108 Reg Ni f not ox
7 f 24 708
21% KOH – 556
Dup 7631
21% 2 gm LiOH.
Dup 7631
21% 2 LiOH COLD
Reg tubes
7 f 24 708 108 B not ox
21% KOH
Dup 7640
21% KOH 2 LiOH.
Dup 7640
21% K 2 LiOH COLD
Reg tubes 9 cm² ox f
7 f 24 708
Glycerin soaked Titanium Sol
0-2 - 24 29 7 f 21% K
Dup 7664
21% K 2 LiOH.
Cold 50 100
7631 1107 943 927
7632 1127 1030 1037
7633 1120 1027 1047
7634 1057 1153 1158
7635 1060 1197 1157
7636 1060 1183 1158
7637 1063 1110 1117
7638 1040 1097 1097
7639 1060 1133 1150
7640 1037 893 900
7641 1090 983 967
7642 1117 1013 1017
7643 1060 1023 1033
7644 1047 1147 1113
7645 1040 1010 1067
7646 1043 1083
7647 1040 1083
7648 1020 1097
7644 1070 943 893
7665 1050 1023 1000
7666 1057 1030 1013
7667 890 1160 1030
7668 900 1150 997
7669 927 1150 1053
150 200 250 Hot
917
1036
1027
1113 1040 1017
1113 1047 973
1133 1067 1017
1147 1110 1064 1150
1110 1060 1060 1150
1133 1113 1083 1150
1133 1017 993 1147 927 557
1133 997 907 1033 1150 557
1053 1000 1033 557
960
887
927
Co
Co
Co
Co
Co

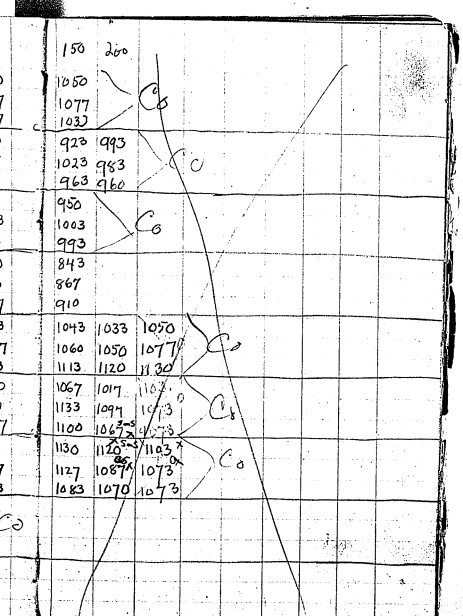
	Cold	50	100	
Rep Dup 7668 Exact dupn (leached out by NH_4 NH_4SO_4 – no KOH – 4 6/24 '08	7670	1140	1080	1060
	7671	1157	1040	1033
21% K	7672	1140	1020	1013
Dup 7670	7673	1073	1223	1107
21% K 2 Lioh.	7674	1073	1223	1110
	7675	1070	1213	1077
Dup 7668 Gently washed strong NH_4SO_4 wash slightly-colored – 6or 7 KOH.	7682	1113	1057	1043
	7683	1117	1063	1067
21% K	7684	1117	1077	1063
Dup 7682	7685	1023	1210	1117
21% K 2 LiOH.	7686	1003	1193	1050
	7687	1000	1210	1107
green oxed $AgSO_4$ –	7691	980	1210	1043
21% K 2 LiOH.	7692	957	1190	1107
	7693	983	1200	1097
Picked out green 708 float dried denser+hard – 7.3 gen ox	7716	967	1133	1017
21% K 2 LiOH	7717	953	1123	970
	7718	970	1107	977
Rep taken off ½ thick ox from 708 –	7722	1127	910	813
21% K 2 LiOH.	7723	1133	933	840
	7724	1120	950	847
Dup 7722 "flake Twice thick of Rep 10001	7725	1033	987	1000
	7726	1037	987	1000
21% K	7727	1027	987	1013
Dup 7725	7728	913	1067	967
21% K 2 LiOH.	7729	927	1067	970
	7730	930	1063	973

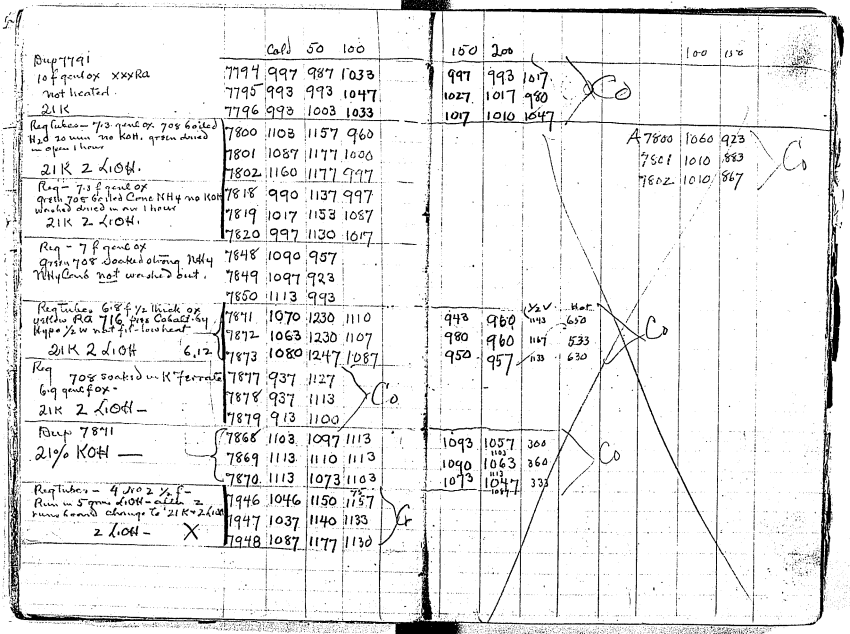


		Cold	50	100
Reg tubes 4 f general ox 12 hrs green 70° 30 mesh 21% K	7731	1100	1017	1027
	7732	1103	1037	1047
	7733	1103	1060	1047
Dup 7731 21% K 2 LiOH.	7734	1050	1137	1023 X
	7735	1033	1157	1067
	7736	1040	1110	1023
Reg tubes – 6·9 gen ox f 24 70° – 21% K 5 grms K_2CO_3 2 LiOH.	7743	1023	1140	1090 X
	7744	1033	1123	1023
	7745	1027	1150	1093
Dup 7743 5 grms K_2CO_3 – 21% K 3 grms LiOH.	7746	1020	1220	1040
	7747	1033	1213	1070
	7748	1000	1210	1040
Dup 7743 8 grms K_2CO_3 21% K. 3 grms LiOH –	7749	1000	1190	1117 X
	7750	997	1160	1063
	7751	1027	1157	1103
Reg tubes 4 gen f ox Oldhaird green 21% K 5.15	7752	1017	960	957
	7753	1033	940	930
	7754	1030	990	957
Dup 7752 21% K 2 LiOH.	7755	900	967	867
	7756	893	953	840
	7757	870	903	823
Dup 7756 21% K 2 LiOH COLD	7758	887	983	900
	7759	867	928	800
	7760	867	977	897
Reg tubes – 4·2 f ½ ox brand – Smiles work 7719 tubes Ra 707 ÷ the filtered tubes 21%	7761	1230	1083	1000
	7762	1230	1117	1017



		Cold	50	100	150	200
Req- 7 ff general ox 767 ½ w fif-low in- on hot plate 1 hour cooled used 21% K 557	7767	1110	1087	1080	1050	
	7768	1093	1087	1097	1077	
	7769	1093	1073	1067	1030	
Dup 7767 21% K 2 Li OH.	7770	1030	1147	1100	923	993
	7771	1007	1157	1137	1023	983
	7772	1027	1170	1113	963	960
Dup 7767 √ but 708 warmed ½ h cooled 7.4 ff 24.2 568	7773	1110	1003	1000	950	
	7774	1110	1020	1033	1003	
	7775	1103	1013	1013	993	
Dup 7773 21 K 2 Li OH.	7776	980	1143	1080	843	
	7777	977	1170	1113	867	
	7778	967	1157	1157	910	
Regulation- RA XXX 1 wash before filter- 7.4 gen ox 24.3 631	7782	1043	1000	1063	1043	1033
	7783	1043	1030	1077	1060	1050
	7784	1077	1073	1123	1113	1120
Dup 7782 21K 2 Li OH.	7785	1043	1133	1140	1067	1017
	7786	1077	1177	1180	1133	1097
	7787	1077	1183	1167	1100	1067
Dup 7782 XXX Ra 6 min heated then cooled 7 gen ox 21K — 620	7788	1080	1083	1147	1130	1120
	7789	1083	1077	1147	1127	1087
	7790	1060	1040	1103	1083	1070
Dup 7782 10 ff gen ox 21K.	7791	1017	1023			
	7792	1007	1007			
	7793	983	983			




Cal 50 100
Dup 7791
10 f gen ox xxyRa
not heated
21K
7794 997 987 1033
7795 993 993 1047
7796 993 1003 1033
Reg tubes — 7/3 gen ox 708 boiled H2O 20 min no KOH. green dried — open 1 hour
21K 2 10H.
7800 1108 1157 960
7801 1087 1177 1006
7802 1160 1177 997
Reg — 7.3 f gen ox greth 708 boiled Conc NH4 no KOH washed dried in air 1 hour
21K 2 10H.
7818 990 1137 997
7819 1017 1158 1087
7820 997 1130 1017
Reg — 7 f gen ox green 708 soaked obtuse NH4 NH4Cl 2 not washed but.
7848 1090 957
7849 1097 923
7850 1113 993
Reg tubes 6.8 f 1/2 thick ox xyRa 716 fire Cobalt 60 Rxyl 1/2 in wet fil — low heat
21K 2 10H 6,12
7871 1070 1230 1110
7872 1063 1230 1107
7873 1080 1247 1087
Reg 708 soaked in K ferrate 6.9 gen ox
21K 2 10H —
7877 937 1127
7878 937 1113
7879 913 1100
Dup 7871
21% KOH —
7868 1103 1097 1113
7869 1113 1110 1113
7870 1113 1073 1103
Reg tubes — 4 10 2 1/2 f — Run in 5 gm 10H — with 2 runs round change to 21K+2.6H
2 10H — X
7946 1046 1150 1157
7947 1037 1140 1133
7948 1087 1177 1130
150 200 100 135
997 993 1017
1027 1017 980
1017 1010 1047
A 7800 1060 923
7801 1010 883
7802 1010 867
948 960 1143 632
980 960 1147 533
950 957 633 630
1093 1057 1103 304
1090 1063 1115 360
1093 1047 1097 333
Hot

XXX Square flake 1/2 thick

		Cal	50	100
Rep Tubes – Nº 2 of 1/2 4f. 24 708 in $HgCl_2$ 24 hours washed free $HgCl$ — 21K 6.60.	1/2	7952	1140	1083	1097
		7953	1100	1043	1090
		7954	1100	1083	1113
Dup 7952 21K 2 .10H. 6.38	1/2	7955	1077	1130	917
		7956	1083	1133	930
		7957	1063	1150	963
Dup 7952 Except green soaked 48 hours dehisc out of $HgCl_2$ 24 hours soaked out no IKOH. 6.53 21%	1/2	7958	1110	1080	1063
		7959	1130	1097	1107
		7960	1137	1077	1037
Dup 7958 21K 2 .10H.	1/2	7961	1030	1207	1050
		7962	1027	1193	1010
XXX 6.51		7963	1020	1213	1027
Replicken 3:9 1/2 Box 2 hour soak Conc KOH – NH_4Cl washed Rote water 2 or 3 times dried boiled Brick in oven Square flakes 21% 6.02		8024	907	933	970
		8025	860	893	923
		8026	857	883	903
Dup 8024 21% K 2 .10H –	1/2	8027	970	1233	1177
		8028	987	1283	1210
		8029	1007	1300	1283
Dup 8024 – Except green soaked same soap quick wash once – dried Brick K 3:9 1/2 ox 708 24 – square f. 21 1/2 K		8030	883	893	890
		8031	893	887	893
		8032	907	937	923
Dup 8030 21K 2 .10H. 4.2 1/2 ox		8033	1017	1290	1257
		8034	1017	1263	1283
		8035	1017	1283	1287

Rubber 7 times

150	200	250	250 1/2	Hot 300	1/2		
1027	950	927					
1050	973	953					
1063	1010	970					
830	857						
830	840						
820	850						
943							
953							
927							
867	933						
823	847						
883	863						
970	957	827	1010	887			
913	900	797	967	857			
900	867	743	900	340			
1113					973	1113	783
1170					933	1067	720
1080					903	1020	657
1267	1117				887	933	543
1247	1117				890	1033	743
1267	980				987	1023	683

Boiling green soaked in $HgCl_2$ sup 20 or 25% 10 min then in 21 hour 10 min then in water 1 hour .10H – Wohl, S

	Col	50	100	150	200	250 (Reversed 250½	Tube equiv Can Ind
Replicates from Hybrid Same as run 7619 — but ½ strength Seed 2 min 1 min Inoculum dried — 6 all K — 4.5 ½ ox 2.0 % 21K Repeat of	8036	1017	1017				
	8037	977	960	983			
	8038	983	980	1020			
Dup 8036 21K 2 Lioh.	8039	1030	1200	1133	1157	1130	
	8040	1000	1200	1178	1168	1183	
	8041	1037	1217	1160	1180	1213	
Dup 8036 Except ¼ strength 4.5 ½ ox 2.0% K	8042	1213	1080	1087			
	8043	1270	1050	1047			
	8044	1213	1057	1040			
Dup 8042 2.0% KOH 2 LiOH.	8045	1137	1253	1163	1113	907	1063 583
	8046	1168	1177	1040	997	850	1000 603
	8047	1127	1203	1123	1047	813	1017 633
1/8 th strength Bi Sal 4.5 ½ ox - 21K	8048	1097	1017	927			
	8049	1087	977	933			
	8050	1043	997	940			
Dup 8048 21K 2 LiOH.	8051	1093	1230	1173	1117	936	1080 617
	8052	1100	1240	1143	1050	857	1063 677
	8053	1100	1217	1130	1050	857	1062 657
1/16 strength. 21K	8054	1123	957	943			
	8055	1083	907	933			
	8056	1110	917	940			
Dup 8054 21K 2 LiOH -	8057	1047	1147	1083	933		
	8058	1033	1150	1047	903		
	8059	1023	1103	1040	887		

To Holland

	Cold	50	100		150	200	250	250½	Hot
Reg tubes: 7. or reg thick 70# — 21K 2 gms silicate K	8060	963	1010	817					
	8061	948	1027	863					
	8062	987	1033	847					
Dup 8060 21K 2 gms LiOH 2 gm silicate K	8063	1010	1070	733					
	8064	1040	1088	690					
	8065	1003	1033	623					
Dup 8050 21K 2 LiOH. 3 silicate K	8066	990	978	567					
	8067	990	947	620					
	8068	997	857	580					
Dup 8060 21K 2 LiOH 4 Silicate K	8069	940	827						
	8070	930	790						
	8071	867	717						
Dup 8060 21K 2 LiOH. 5 silicate K	8072	650	370						
	8073	827	517						
	8074	780	463						
Reg tubes 4½ flex 70# soaked Conc Pot of NH_4Cl 5 min — no wash boiled KOH. unwashed tubes K — dried before KOH. 633	8075	1023	1063	1037	987	983	820	1053	303
	8076	1023	1053	1047	947	967	953	1054	306
	8077	1000	1057	1053	983	983	880	1067	333
Dup 8075 21K 2 LiOH	8078	1137	1303	1427	1247	1177	1100	1418	847
	8079	1080	1267	1377	1213	1180	1160	1410	817
	8080	1130	1333	1407	1233	1200	1160	1400	787
Dup 8075 Soaked 10 min 4:3 for ½	8081	1107	1193	1173	1153	1120 1170	1050	1127	253
	8082	1160	1153	1147	1160	1133 1190	1000	1120	310
	8083	1090	1190	1167	1127	1100 1197	973	1067	293

½ Hour test

350 R

8081	1153	1277	500
8082	1247	1367	473
8083	1213	1327	533

Co ½ hour test

Hard to Handle

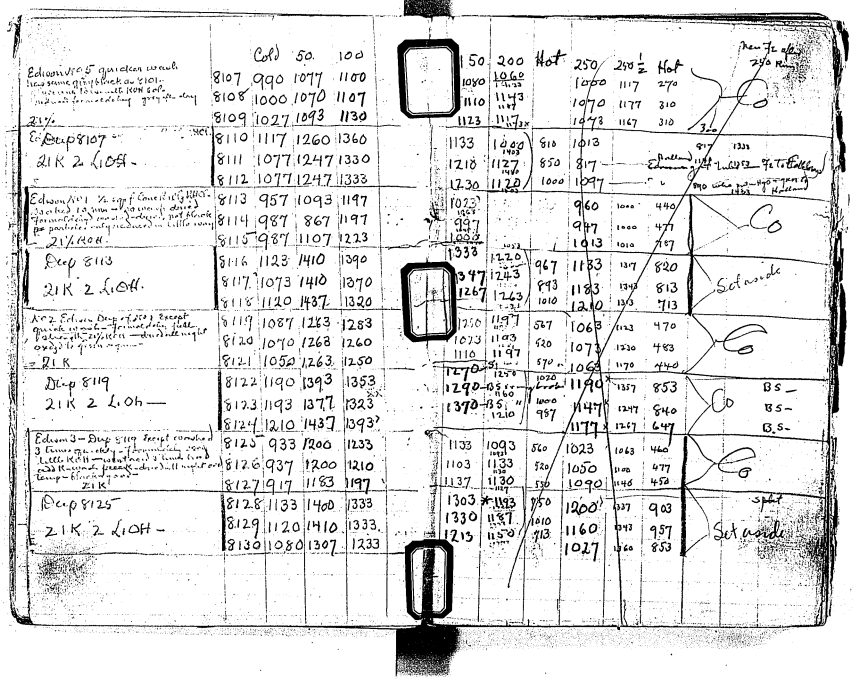
Put Light Mixture with 21K 2 LiOH 300 R

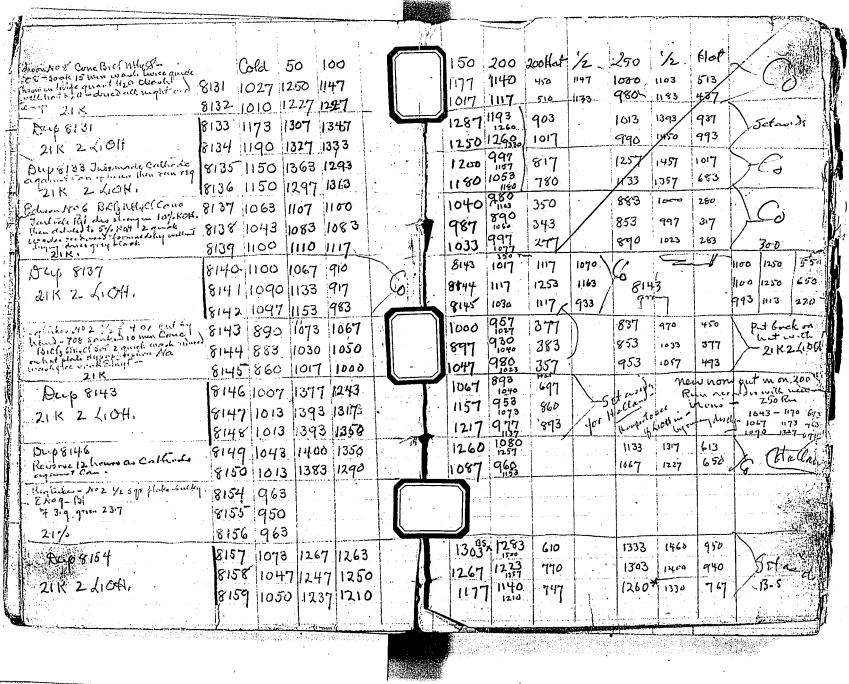
1150	1267	447
1127	1253	473
1127	1160	323

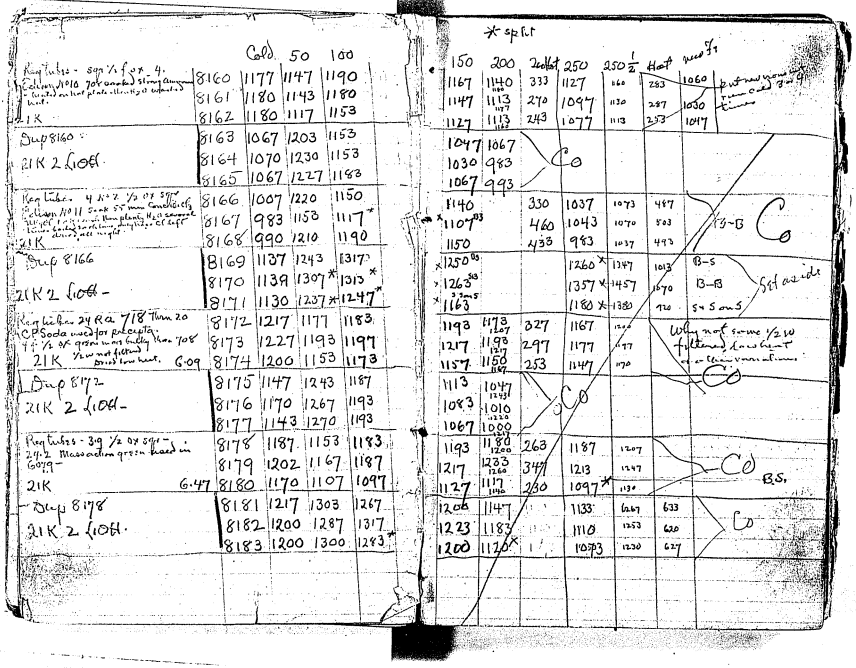
X to be run off same as last on the 2d and 3d Chromosphere

	Cols	50	100	
Dup 8081				
21K 2 Lioh.	8084	1230	1470	1437
	8085	1227	1460	1420
6,6,6	8086	1220	1413	1400
Dup 8086				
Except sand(e) 20 inches on	8087	937		1150
Bot & left of Cone	8088	943		1150
21K	8089	943		1117
Dup 8087				
21½K 2 Lioh. X	8090	1090	1333	1347
	8091	1100	1357	1297
	8092	1080	1340	1307
Dup 8075				
Except work 18 mm Bi Sat - no wash - dried - sanded or run 2 mm - no wash - Run Co & Koh - under fire Koh.	8093	910	1167	1147
	8094	917	1160	1133
21K-	8095	930	1177	1180
Dup 8093				
21K 2 Lioh.	8096	1087	1097	1310
	8097	1087	1273	1267
	8098	1060	1263	1267
Dup Index ½ f - 93 f copy green drilling mm - 93 f 8098 buff filter. Index Koh - formulate 93 f 8098	8099	1057	1127	1137
21K 8100 has 21K 2 Lioh.	8100	1093	1253	1283
Dup Index copy for 2 - 1 f Easy to mix Repeat on Sodium Koh glycerol formula for 2 mm - no wash - dried - Temperature - Koh - under fire - not much - easy on 93	8101	1023	1063	1057
	8102	1000	1063	1067
21½K	8103	987	1067	1067
Dup 8101				
21K 2 Lioh.	8104	1123	1247	1287
	8105	1103	1227	1300
	8106	1067	1227	1327
	5=6	4=0		
8084 1210	1530	1067	1190	1357 1070
85 1277	1577	1110	1000	1473 1140
86 1217	1530	1100	1103	1380 1030

150	200	200 flat	2 on ½	250	½	Hot	300	½	Hot
1343	1240	1137		1240	1483	1053	1253	1474	1137
1330	1313	1150		1317	1583	1097	1296	1473	1040
1263	1230	1120		1213	1533	1040	1240	1417	1470
1080	1047	387		988	1063	833	Change		
1110	1060	423		1007	1093	377	21 Koh 2		
1093	1077	347		1073	1137	320	Lioh —		
							4 pt Fine Co bottles		
8087	1343	1477	1137				1243	1363	570
8088	1340	1440	643	8087			1253	1400	583
8089	1282	1403	1087	8089			1243	1370	550
1113	1120	503	1113	1067	1107	420			
1107	1107	440	1107	997	1033	570			
1110	1050	440	1093	967	990	567			
1230	1130			1160	1330	857			
1210	1193			1097	1363	930	Set aside		
1210	1180			1127	1380	737			
Co									
1170	1113			1117	1420	953	given to Nellie		
Co									
1170	1067			1067	1353	827			
1173	1033			987	1320	727	Set aside		
1200	1163			1150	1460	717			
8084	997	1137	950						
85	923	1273	1093						
86	860	1223	777						







Co. 50 100

Rep tubes - sep ½ for 4.
Callam NP10 pot combed string among (wetted) on hot plate illuminated outside hood.
21K 8160 1177 1147 1190
8161 1180 1143 1180
8162 1180 1117 1153

Dup 8160
21K 2 Lo6H
8163 1067 1203 1153
8164 1070 1230 1153
8165 1067 1227 1183

Rep tubes - 4 ½" x ½ ox sep
Callam NP11 Soak 55 min Conditioned
Sep ox. Fast on thin plants. Not enough
21K
8166 1007 1220 1150
8167 983 1158 1117*
8168 990 1210 1190

Dup 8166
21K 2 Lo6H -
8169 1137 1243 1317*
8170 1139 1307* 1313*
8171 1130 1237* 1247*

Rep tubes 24 Ra 7/8 Thin 20
CP Soda used for reference
7 ½ ox sep in mes Eilby Thin 708
21K Very wet filters! Dried low heat. 6.09
8172 1217 1177 1183
8173 1227 1193 1197
8174 1200 1153 1173

Dup 8172
21K 2 Lo6H -
8175 1147 1243 1187
8176 1170 1267 1193
8177 1143 1270 1193

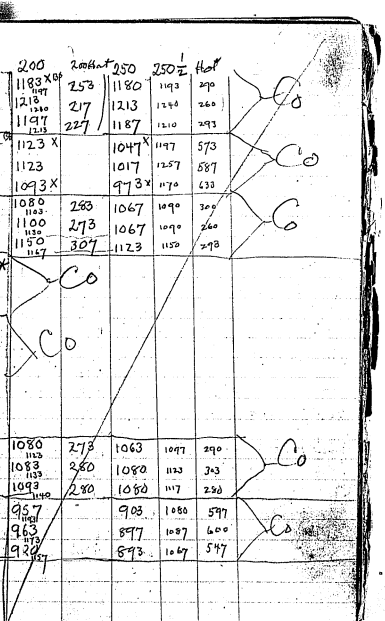
Rep tubes - 3g ½ ox sep -
24.2 Mass acetum green based in 60g79 -
21K 6.47
8178 1187 1153 1183
8179 1202 1167 1187
8180 1170 1107 1097

Dup 8178
21K 2 Lo6H.
8181 1217 1303 1267
8182 1200 1287 1317
8183 1200 1300 1283*

* sp fit

150	200	2colbt	250	250 ½	Hot	med ½	
1167	1140	333	1127	1160	283	1060	put my spec into
1147	1113	270	1097	1130	287	1030	time and 3 of
1127	1113	243	1077	1113	273	1047	
1047	1067						
1030	983		Co				
1067	993						
1140		330	1037	1073	447		
1107		460	1043	1070	503		13-B Co
1150		438	983	1037	493		
1250			1260	1347	1013		B-S
1263			1357	1457	1570		B-B Spf or side
1163			1180	1380	720		S-S on S
1198	1178	327	1167	1200			Why not some 1/2 10
1217	1198	297	1177	1177			filtered Low heat
1157	1150	253	1147	1170			Co
1113	1047						
1083	1010		Co				
1067	1000						
1193	1180	263	1187	1207			
1217	1233	347	1213	1247			Co
1127	1117	260	1097	1130			B.S.
1208	1147		1133	1167	633		
1223	1183		1110	1253	620		Co
1200	1120		1073	1230	627		

		Cold	50	100	150	200	2nd heat 250	250 1/2 Hot		
Reg Lieber No 2 ½ oz off filtered + heated	8184	1200	1170	1197	1200	1183 X Dup 1197	253	1180	1193	290
Regular wire plated cups	8185	1207	1200	1220	1223	1218 1240	217	1213	1240	260
21K 6.22	8186	1167	1177	1190	1183	1197 1213	227	1187	1210	293
Dup 8184	8187	1193	1267	1277	1130 X Dup	1123 X		1047 X	1197	573
21K 2 Lich.	8188	1190	1313	1330	1180	1123		1017	1257	587
	8189	1197	1300	1297	1133	1093 X		973 X	1170	633
Reg Lieber. No 2 ½ oz off — Dup 12 Gortes Using whole KM. in each cup — 1 gm Ni Cl2 to 1 gm Ni Cl2 to 1 gm Ni Cl2 to 1 gm Ni Cl2 to 1 gm Ni Cl2	8190	1130	1063	1090	1093	1080 1103	283	1067	1090	309
	8191	1173	1108	1097	1110	1100 1130	273	1067	1090	260
21K	8192	1183	1137	1180	1163	1150 1167	307	1123	1150	298
Dup 8190	8193	1043	1170	1120	990 X					
21K 2 Lich.	8194	1093	1223	1137	1080					
	8195	1040	1177	1133	947					
Dup 8190 - cut Edison 13 gpl Sorbet Cone KCl left in drink) Then made in Tanks KCl Sorbet cut	8196	1097	1047	1083	1040					
	8197	1057	1023	1057	1053					
21K	8198	1080	1023	1057	1043					
Dup 8196	8199	970	1133	1080						
21K 2 Lich.	8200	977	1130	1080						
	8201	997	1133	1033						
Special pure Nickel Lieber, ni cone grids short — ni imp — 24 g yds 3 g ½ oz opg.	8220	1223	1160	1180	1127	1080 1123	273	1063	1097	290
	8221	1217	1140	1173	1123	1083 1133	280	1080	1123	343
21K 6.04	8222	1226	1147	1157	1113	1093 1140	280	1080	1117	250
Dup 8220	8223	1117	1263	1176	940	957 1163		903	1080	597
21K 2 Lich.	8224	1117	1263	1170	940	963 1173		897	1087	600
	8225	1110	1266	1180	920	930 1157		893	1067	547

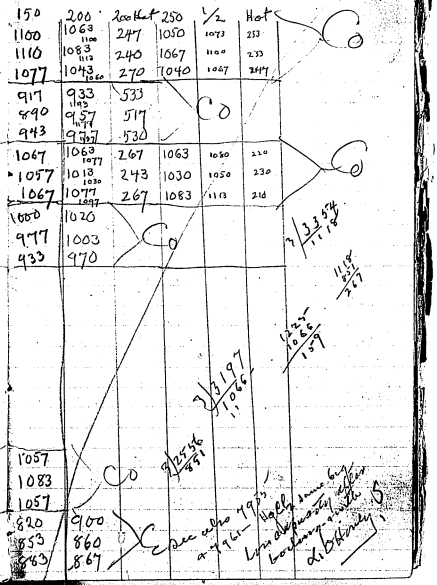


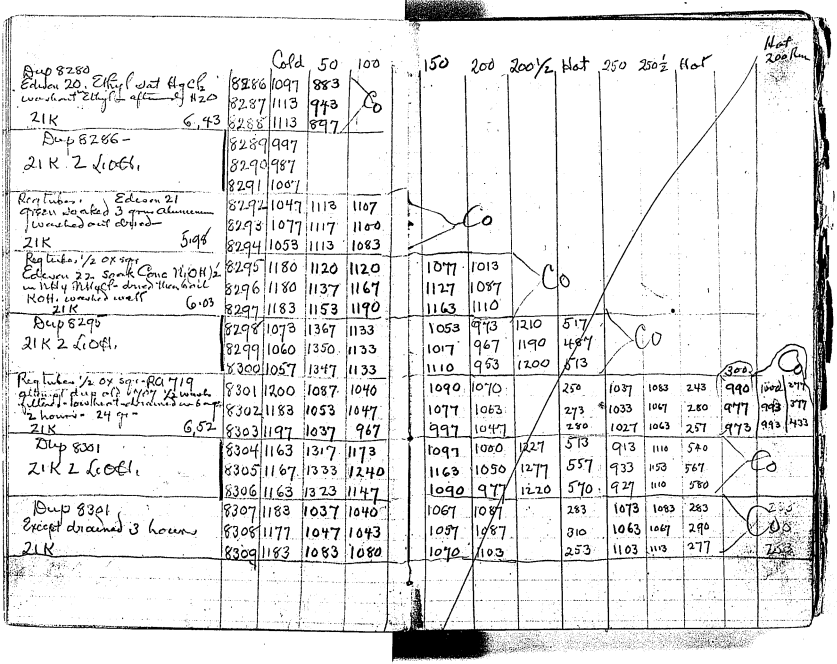
		Cold	50	100
Dup 8220 CP Nickel grid tube 25 K 2 Lioff.	8226	1283	1360	1287
	8227	1260	1353	1243
	8228	1283	1353	1153
Dup 8220 CP Ni grid tube 27 K 2 Lioff. (wire inside 3 holes made always)	8229	1370	1433	1383
	8230	1360	1433	1333
	8231	1367	1433	1353
Reg tube - K 33 237 No 2 ox ½ Bag - Edison 17 Carb Slovenia precip in pores 1708 21 K	8232	1237	1177	1200
	8233	1223	1167	1197
	8234	1227	1183	1198
Dup 8232 21 K 2 Lioff.	8235	1107	1223	1200
	8236	1117	1230	1213
	8237	1107	1197	1147
Dup 8232 except Edison 16 - 13a Carb precip in pores - 21 K	8238	1210	1130	1170
	8239	1197	1123	1147
	8240	1213	1143	1167
Dup 8238 21 K 2 Lioff.	8241	1088	1210	1147
	8242	1066	1207	1140
	8243	1053	1200	1143
Dup 8232 - E 15 gram anode 100 cc 20 gram Nickel Soy 6 hour 1 quick read dried - made into tube 11 hour 6 volt 800 m. dried - 6 volt 4 hour put into 21 K Rod.	8244	1140	1087	1130
	8245	1140	1087	1140
	8246	1147	1093	1123
Dup 8244 21 K 2 Lioff.	8247	1027	1233	1150
	8248	1087	1197	1080
	8249	1050	1233	1140

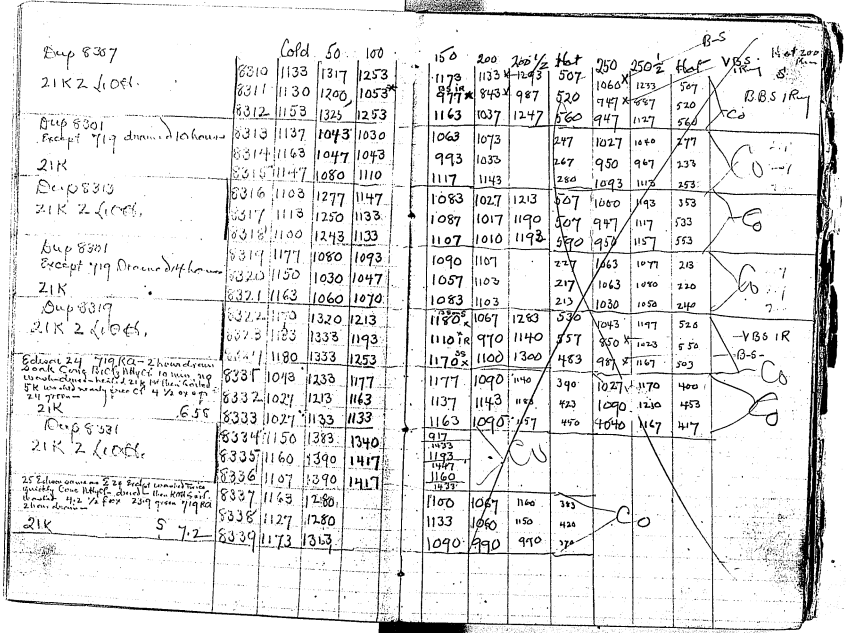
8229 - No open Reading see heavy vein Dip into 2nd dark 4-0 ice 45 min

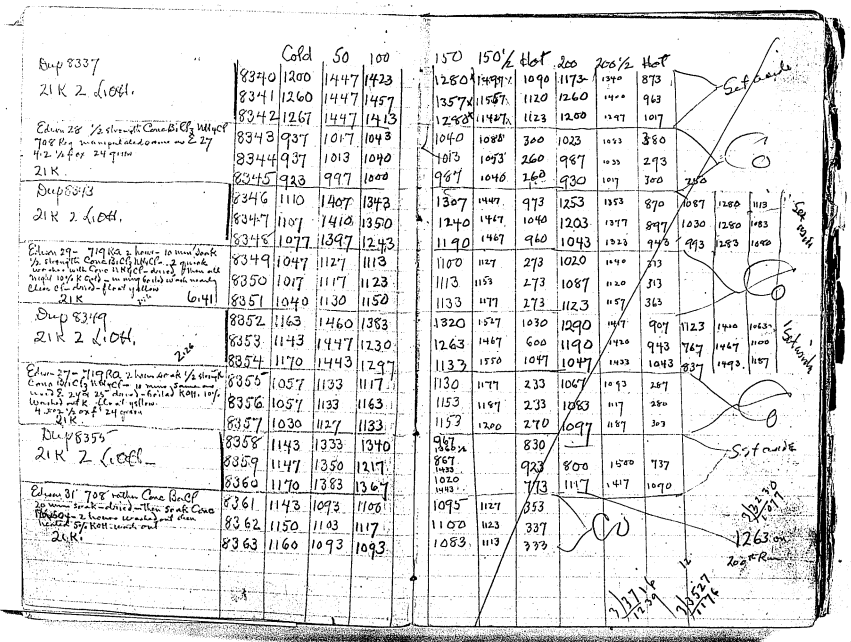
	150	200	200 Hot	250	½	Hot	300	½	Hot
8226	847	893	503						
8227	907	947	507						
8228	1783	850	447						
8229	1853	883	613						
8230	1936	850	473						
8231	1947	850	666						
8232	1187	1153	340	1157	1187	243	1150	1173	367
8233	1170	1153	320	1133	1163	203	1110	1143	390
8234	1183	1177	297	1163	1197	343	1140	1167	433
8235	990	943	507						
8236	973	967	543						
8237	950	953	543						
8238	1143	1117	387	1143	1133	380	1090	1113	433
8239	1113	1083	377	1057	1100	343	1060	1093	433
8240	1143	1127	363	1097	1130	373	1097	1127	414
8241	1037	1090	627						
8242	1037	997	630						
8243	1040	1040	633						
8244	1117	1083	277						
8245	1130	1107	300						
8246	1077	1063	260						
8247	1013	833	553						
8248	923	773	557						
8249	993	890	567						

		Cold	50	100	150	200	200 Hot	250	½	Hot
Rep Tubes oxidised just Little Rested Eight ½ ox 39% 21K	8256	1210	1083	1130	1100	1063 1100	247	1050	1073	233
	8257	1217	1107	1117	1110	1083 1113	240	1067	1100	233
	8258	1210	1080	1097	1077	1043 1060	270	1040	1067	2447
Dup 8256 21K 2 Lick.	8259	1130	1197	1143	917	933 1103	533			
	8260	1120	1210	1130	890	957 1077	517			
	8261	1117	1213	1140	943	937	530			
Dup 8256 except Tubes ox more peacock- 3.9 ½ f 39% 708 21K	8262	1193	1083	1083	1067	1069 1077	267	1063	1050	220
	8263	1207	1057	1100	1057	1013 1050	243	1030	1050	230
	8264	1210	1097	1117	1067	1077 1097	267	1083	1113	216
Dup 8262 21K 2 Lick —	8266	1113	1230	1177	1000	1020				
	8266	1127	1220	1133	977	1003				
	8267	1103	1207	1177	933	970				
Tubes oxidised Blacken Lighter shows match — 3.9 ½ 239 708 21K	8268	1023	643							
	8269	1080	647							
	8270	1097	757							
Dup 8268 21K 2 Lick —	8271	1100	1097							
	8272	1100	1053							
	8273	1110	1097							
Rep Tubes ½ ox 39% E 18 Soaked 21K with 15 ft — 3 oxides K — Then washed out — 21K 2 Lick —	8277	1067	1207							
	8278	1087	1220							
	8279	1050	1210							
Rep Tubes ½ ox 39% E 19 - Soaked 48 hrs Hyop washed out - no Rock. 21K	8280	1230	1133	1133	1057					
	8281	1223	1150	1110	1083					
	8282	1223	1107	1140	1057					
Dup 8280 - 21K 2 Lick —	8283	1127	1220	1117	820	900				
	8284	1120	1217	1117	853	860				
	8285	1107	1230	1103	863	867				


3358
1118
427
3197
1066
1329
1066
139
9/2546
851
Case adds 993
Lyne observing with
Lookaway with
Lyne observing with
Lookaway with
Lyne observing with
Lookaway with


Cold
50
100
150
200
200½
Hot
250
250½
Hot
Hot 200/lm
Dup 8280
Edison 20. Elkyl wet HgCl₂
constant Elkyl after 4g H2O
21K 6,43
8286 1097 883
8287 1113 943
8288 1113 897
Dup 8286 –
21K 2 Lio6l.
8289 997
8290 987
8291 1007
Reg tubes. Edison 21
green soaked 3 grs aluminum
inverted wet dried
21K 5,98
8292 1047 1113 1107
8293 1077 1117 1100
8294 1053 1113 1083
Reg tubes, ½ ox sqr.
Edison 22. Spark Conc NiOH)2
in 1% MHgCl2 dried then drill
KOH. cooled well
21K 6.03
8295 1180 1120 1120
8296 1180 1137 1167
8297 1183 1153 1190
1077 1013
1127 1087
1163 1110
Dup 8295
21K 2 Lio6l.
8298 1073 1367 1133
8299 1060 1350 1133
8300 1057 1347 1133
1053 943 1210 517
1017 967 1190 484
1110 953 1200 513
Reg tubes ½ ox sqr-RQ 719
gilt wire flap off 6/1/07 ½ inches
filled - soaked wet drained in oven
2 hours - 24 gr -
21K 6,52
8301 1200 1087 1040
8302 1183 1053 1047
8303 1197 1037 967
1090 1070 250 1037 1083 243 990 1062 277
1077 1063 273 1033 1067 280 977 943 277
997 1047 280 1027 1063 257 973 993 433
Dup 8301
21K 2 Lio6l.
8304 1163 1317 1173
8305 1167 1333 1240
8306 1163 1323 1147
1097 1080 1227 513 913 1110 540
1163 1050 1277 557 933 1153 567
1090 977 1220 570 927 1110 580
Dup 8301
Except drained 3 hours
21K
8307 1183 1037 1040
8308 1177 1047 1043
8309 1183 1083 1080
1067 1087 283 1073 1083 283
1097 1087 310 1063 1067 290
1070 1103 253 1103 1113 277


Exp 8307
21K 2 Loops.
Exp 8301
Except 719 drawn Isotherms
21K
Exp 8313
21K 2 Loops.
Exp 8301
Except 719 Drawn Isotherms
21K
Exp 8319
21K 2 Loops.
Exp 8331
21K 2 Loops.
21K
Cold 50 100
150 200 200½ Hot 250 250½ Hot
B-S
VBS IR
B-S-
Not 200
8310 1133 1317 1253
8311 1130 1200 1053
8312 1158 1325 1253
8313 1137 1043 1030
8314 1163 1047 1043
8315 1147 1080 1110
8316 1108 1277 1147
8317 1118 1250 1133
8318 1100 1243 1133
8319 1177 1080 1093
8320 1150 1030 1047
8321 1163 1060 1070
8322 1170 1320 1213
8323 1183 1333 1193
8324 1180 1333 1253
8331 1048 1238 1177
8332 1024 1213 1163
8333 1027 1133 1133
8334 1150 1383 1340
8335 1160 1390 1417
8336 1107 1390 1417
8337 1163 1280
8338 1127 1280
8339 1173 1313
1179 1133 1243 507 1060 1233 507
977 843 987 520 947 867 520
1163 1037 1247 560 947 1127 560
1063 1073 247 1027 1040 277
993 1033 267 950 947 233
1117 1143 280 1093 1113 253
1083 1027 1213 507 1060 1143 353
1087 1017 1190 507 947 1117 533
1107 1010 1193 580 950 1157 553
1090 1107 227 1063 1077 213
1057 1103 217 1063 1080 220
1083 1103 213 1030 1050 240
1180 1067 1283 530 1043 1197 526
1110 970 1140 557 850 1023 550
1170 1100 1300 483 987 1167 503
1177 1090 1140 390 1027 1170 400
1137 1143 1153 423 1090 1230 453
1163 1090 1257 450 1040 1167 417
917
1193
1160
1100 1067 1160 383
1133 1060 1150 420
1090 990 990 370
Edison 24 719 Ka - 2 hour drum
Soak Cond Back Press to max 30
Unthrottled heat 1 21K to Max Cooled
5K to 150 and soak 1 hour Cool 4 ½ ox 4 P
24 green
21K 6.55
25 Edison drum on 24 Soak at temperature
quickly, Cond Press down to max 5 psi
throttle ½ to ½ Exp 209 green 719 Ka
2 hour drum
21K 5 7.2



Dup 8337
21K 2 Lioth.

Edsen 28 ½ strength Conc Bi Cl₂ 1½ hr of 7.08 Reg in unspecified amount in 2 27 4-2 ½ for 24 grow
21K

Dup 8343
21K 2 Lioth.

Edsen 29 7.19 RA 2 hours 10 min soak ½ strength Conc Bi Cl₂ 1½ hr of 2 grow in water with Conc 11 NaOH during grow all night 10% KOH in morning finish wash many times clear-cloud-floc-yellow
21K 6:41

Dup 8349
21K 2 Lioth.

Edsen 27 7.19 RA 2 hour soak ½ strength Conc Bi Cl₂ 1½ hr of 2 grow in water with NaOH 10 hours grow not over 5 24 hr 25° dry - boiled KOH, 10% (wanted soft clear yellow 4 grow ½ hr of 24 grow
21K

Dup 8355
21K 2 Lioth

Edsen 31 7.08 reg Conc Bi Cl₂ 20 min soak - dried - then soak Conc Bi Cl₂ 30 ½ hours (wanted) and then heated 5% KOH wash out
21K

	Cold	50	100
8340	1200	1447	1423
8341	1260	1447	1457
8342	1267	1447	1413
8343	937	1017	1043
8344	937	1013	1040
8345	923	997	1000
8346	1110	1407	1343
8347	1107	1410	1350
8348	1077	1397	1243
8349	1047	1127	1113
8350	1017	1117	1123
8351	1040	1130	1150
8352	1163	1460	1383
8353	1143	1447	1230
8354	1170	1443	1297
8355	1057	1133	1117
8356	1057	1133	1163
8357	1030	1127	1133
8358	1143	1333	1340
8359	1147	1350	1217
8360	1170	1383	1367
8361	1143	1093	1100
8362	1150	1103	1117
8363	1160	1093	1093

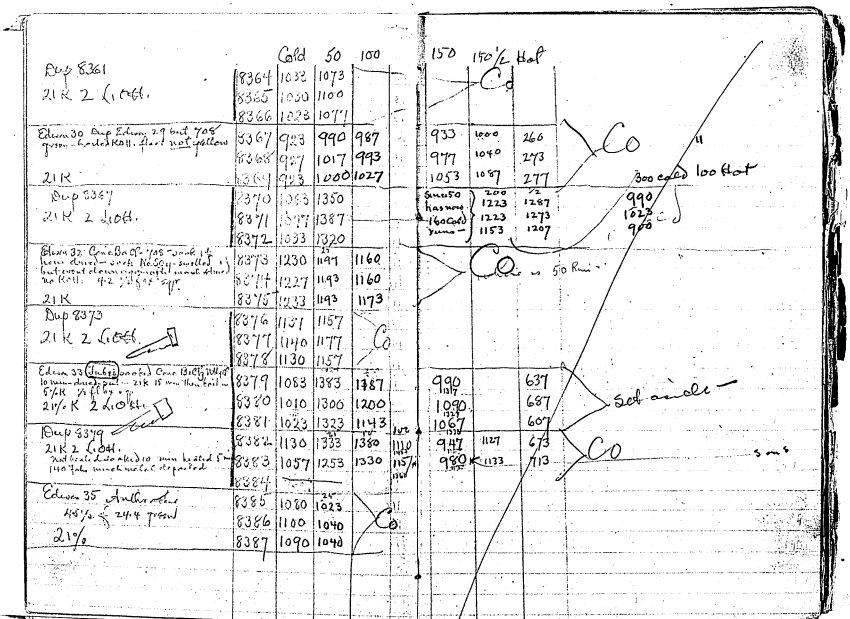
150	150½ hot	200	200½ hot	
1280	1497	1090	1173	1340
1357	1457	1120	1260	1400
1288	1447	1123	1200	1397
1040	1088	300	1023	1093
1013	1053	260	987	1035
967	1040	260	930	1017
1307	1447	973	1253	1353
1240	1447	1040	1203	1377
1190	1467	960	1043	1323
1100	1127	273	1020	1140
1113	1153	273	1087	1120
1133	1177	273	1123	1157
1320	1527	1030	1290	1447
1263	1467	600	1190	1420
1137	1550	1047	1047	1403
1130	1177	233	1067	1093
1153	1197	233	1083	1117
1153	1200	270	1097	1187
987 1020		830		
867 1033		923	800	1580
1020 1043		773	1117	1417
1095	1127	853		
1107	1123	337		
1083	1113	333		

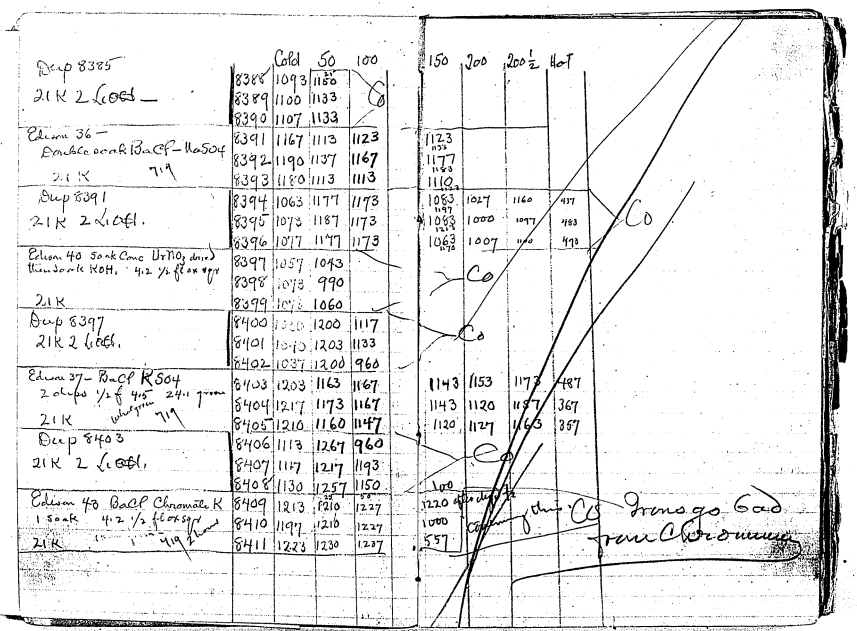
Set aside

Set aside

1263 on 2nd R

1123	1420	1063	
767	1467	1100	
837	1493	1187	


Cold 50 100
150 150½ Flat
Dup 8361
21K 2 Lobed.
8364 1032 1073
8365 1050 1100
8366 1028 1071
Edison 30 Dup Edison 29 but 70% grain - heated Roll. Start not follow
8367 983 990 987
8368 997 1017 993
21K 8369 983 1000 1027
933 1000 266
977 1040 273
1053 1087 277
Co
300 cold 100 Flat
Dup 8367
21K 2 Lobed.
8370 1363 1350
8371 1377 1387
8372 1033 1320
Same 50 1223 1287
Hasmig 1223 1273
Yuma 1153 1207
990
1022
960
Edison 32 Cone Bar 70% work left heavy draft work No 99 swelled as before reducing rapidly until draw in Roll. 42 21/32 sq.
8373 1230 1197 1160
8374 1227 1193 1160
21K 8375 1233 1193 1173
Co w 50 Run
Dup 8373
21K 2 Lobed.
8376 1131 1157
8377 1140 1177
8378 1130 1157
Co
Edison 33 Duplicate of Cone Barly Worked 10 min during pass - 21K 15 min then Roll - 5/16 K 1/8 Flat - 21% K 2 Lobed
8379 1083 1383 1387
8380 1010 1300 1200
8381 1023 1323 1143
990 637
1090 687
1067 607
Set aside
Dup 8379
21K 2 Lobed.
Material Looked 10 min heated 5 min 70% work left as before
8382 1130 1333 1380 1110
8383 1057 1253 1330 1157
8384
9477 1127 673
980 1133 713
Co
Edison 35 Another Ingot
4 5/16 x 2.44 from
21%
8385 1080 1023
8386 1100 1040
8387 1090 1040
Co


Cold
50
100
150
200
200 1/2
Hot
Dup 8385
21K 2 Loops
8388 1093 1150
8389 1100 1133
8390 1107 1133
Edium 36 –
Em Surface oxide Ba(OH)2 – Na2SO4
21K 719
8391 1167 1113 1123
8392 1190 1137 1167
8393 1180 1113 1113
1123
1177
1110
Dup 8391
21K 2 Loops.
8394 1063 1177 1173
8395 1073 1187 1173
8396 1077 1147 1173
1063 1027 1160 437
1063 1000 1077 483
1063 1007 1170 493
Co
Edium 40 Soak Conc UO2(NO3)2 dried then soak KOH, 4.2 v/s flow 719
21K
8397 1057 1093
8398 1078 990
8399 1078 1066
Co
Dup 8397
21K 2 Loops.
8400 1220 1200 1117
8401 1040 1203 1133
8402 1037 1200 960
Co
Edium 37 – Ba(OH)2 Na2SO4
2 dumps 1/2 @ 4.5 – 24.1 from interpolation 719
21K
8403 1203 1163 1167
8404 1217 1173 1167
8405 1210 1160 1147
1143 1153 1173 487
1143 1120 1187 367
1120 1127 1163 357
Dup 8403
21K 2 Loops.
8406 1113 1267 960
8407 1117 1217 1193
8408 1130 1257 1150
Co
Edium 40 Soak Chromate K
1 Soak 4.2 v/s flow 719
21K
8409 1213 1210 1227
8410 1191 1210 1227
8411 1223 1230 1227
100
1220 after dump
1000
557
Co from 60 and from Chromium

8412 acts funny only just cap at 8th run etch 5th run only side —

		Cold	50	100
Dup 8409	8412	1133	1340	1157
21K 2 ½OH —	8413	1147	1330	1217
	8414	1147	1353	1158
Edison 39 - K Wog-Bas 2 soaks 4.5 ½ f ox	8415	837		
21 K	8416	840		
	8417	820		
Dup 8415	8418	867		
21K 2 ½OH.	8419	697		
	8420	1027		
Edison 41 Conc Nickel Chloride 7 1/2 Rq soak 1 quick wash - acid at three - breaks up —	8421	917	1040	1013
	8422	913	1047	1013
21K	8423	830	993	957
Dup 8421	8424	1037	1230	1120
21 K 2 ½OH.	8425	1010	1227	1180
	8426	1007	1200	1150
Edison 38 RQ 7 1/2 Orthoplex Pot - Bas Cl 1 Soak Cantwash 9 grs 4.5 f ½ 23.7	8427	1028	970	
21K	8428	1050	990	
	8429	1057	983	
Dup 8427	8430	926	513	
21 K 2 ½OH.	8431	890	467	
	8432	897		
Edison 43 K Wog Bas Cl. 1 soak 7 1/2 Rq 11.2 ½ f ox 24.2	8433	6140		
	8434	593		
21K.	8435	593		

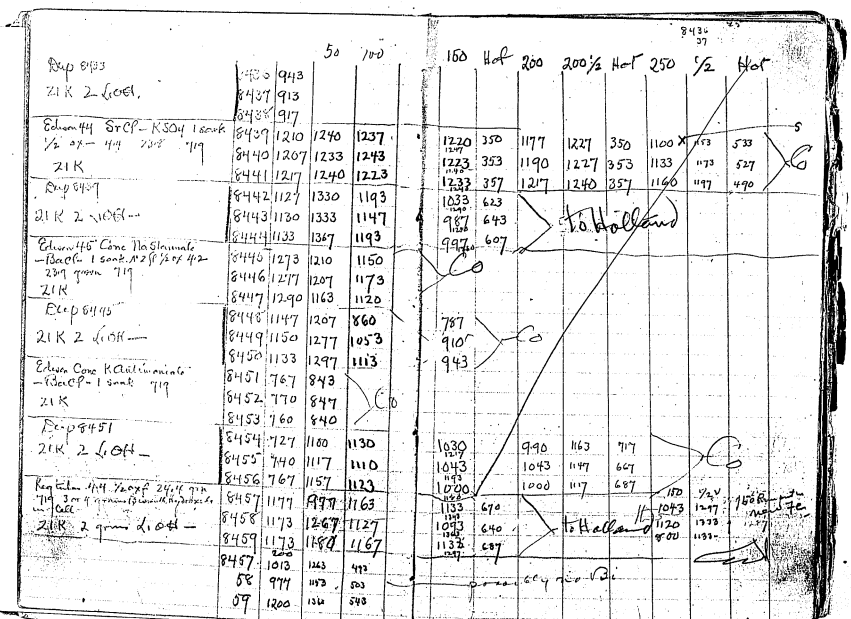
Chromium hurts the most

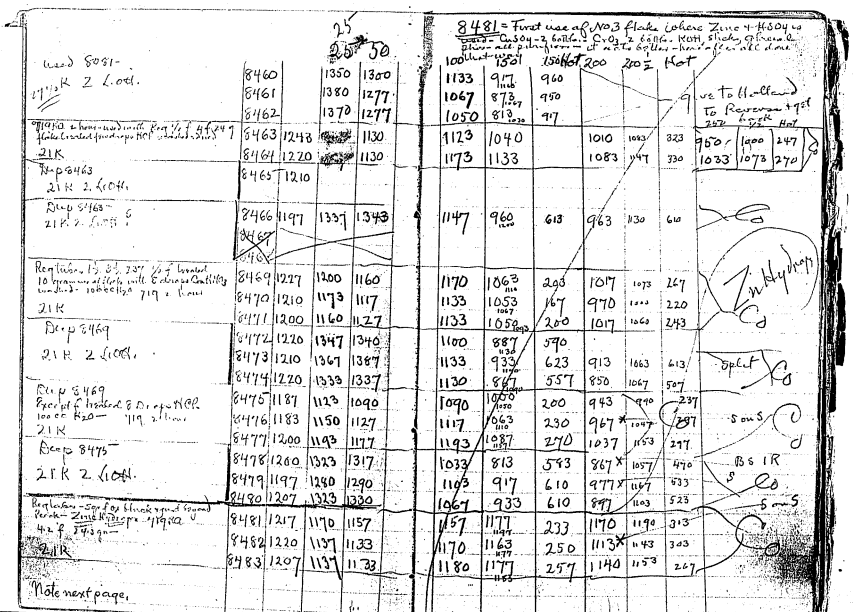
Co

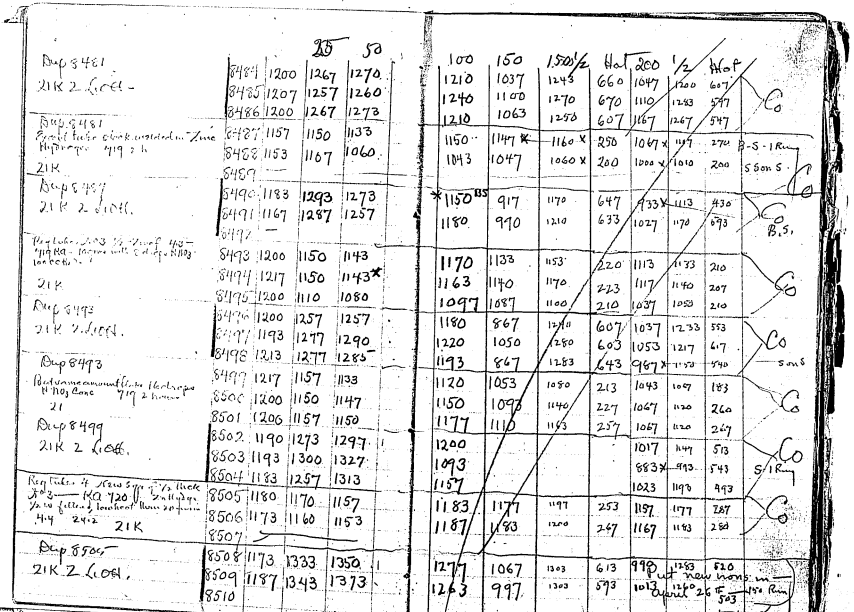
Co

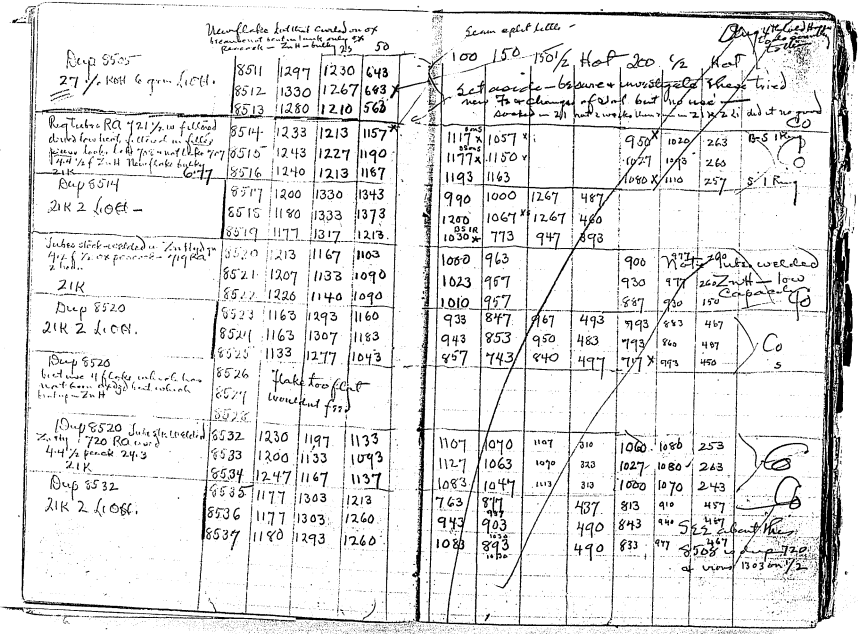
Note bad effect of flow on 1/16 in

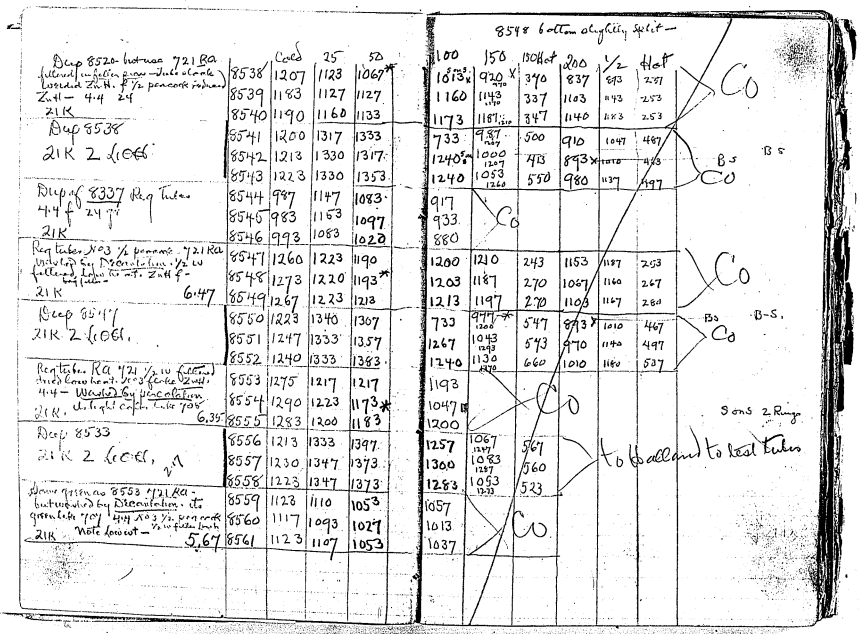
8




8481 = First use of No 3 flake (where Zinc + H2SO4 to
Dep 8463 — 21K 2 Lots.
Dep 8468 — 21K 2 Lots.
Dep 8469 — 21K 2 Lots.
Dep 8475 — 21K 2 Lots.
Note next page.







Dup 8528 but was 721 Ra followed by Mannitol 1/2 w/ Cl Cl. Lowered ZnH & 1/2 pancreatic extract
Zn 4-1 — 4.4 24
21K

Dup 8538
21K 2 Cl66

Dup of 8537 Reg Tubes
4.4 of 24 hr
21K

Reg Tubes No 3 1/2 pancreas 721 Ra followed by Mannitol 1/2 w followed by Lactose to ref. ZnH &
21K 6.47

Dup 8547
21K 2 Cl66.

Reg tubes Ra 721 1/2 w Cl66 Mannitol Lowered ZnH & Cl66 Zn 4.4 — Weaned by precalation
21K. 6.39

Dup 8533
21K 2 Cl66, VM

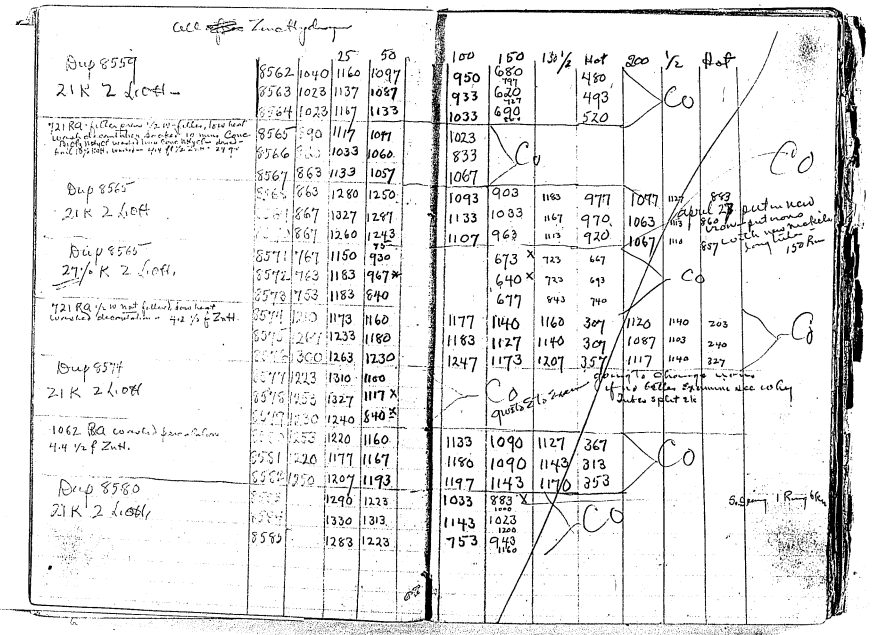
Pancreas 8538 721 Ra — but weaned by Precalation. to green tube 7.01 4.44 No 3 1/2 pancreatic extract
21K 5.67

	Cl66	25	50
8538	1207	1128	1067*
8539	1183	1127	1127
8540	1190	1160	1133
8541	1200	1317	1333
8542	1213	1330	1317
8543	1223	1330	1353
8544	987	1147	1083
8545	983	1153	1097
8546	993	1083	1022
8547	1260	1223	1190
8548	1273	1220	1193*
8549	1267	1223	1213
8550	1223	1340	1307
8551	1247	1333	1357
8552	1240	1333	1383
8553	1275	1217	1217
8554	1290	1223	1173*
8555	1283	1200	1183
8556	1213	1333	1397
8557	1230	1347	1373
8558	1223	1347	1373
8559	1123	1110	1053
8560	1117	1093	1027
8561	1123	1107	1053

8548 bottom slightly split —

100	150	150 Hot	200	1/2	Hot
1013*	920	340	837	893	2.27
1160	1143	337	1103	1143	2.53
1173	1181	347	1140	1183	2.53
733	987	500	910	1047	467
1240	1000	413	893	1010	413
1240	1053	550	980	1137	497
917					
933	Co				
880					
1200	1210	243	1153	1197	253
1203	1187	270	1067	1160	267
1213	1197	270	1108	1167	280
733	977	547	893	1010	467
1267	1043	543	970	1140	497
1240	1130	660	1010	1160	537
1193					
1047	Co				
1200					
1257	1067	567			
1300	1083	560			
1283	1053	523			
1057					
1013	Co				
1037					

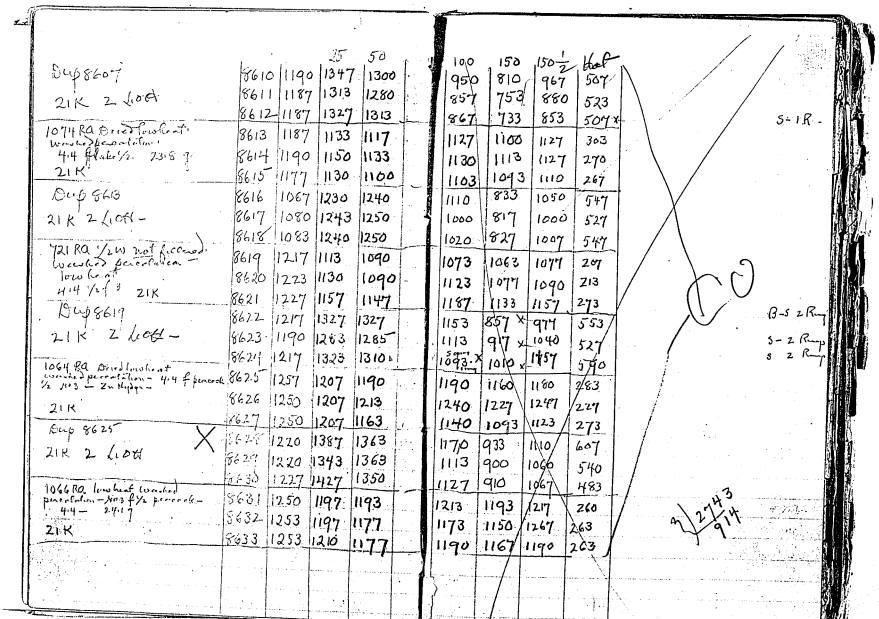
Co
Bs
Bs
Co
Co
Bs
Co
B-S.
Sons 2 Rings
to Holland to test tubes



		25	50
1062 Ra — Welded elimination. 4.4 ½ f 24.4 —	8586	1290	1243	1207
	8587	1280	1240	1200
21K	8588	1290	1247	1207
Dup 8586 —	8589	1283	1283	1240
21K 2 Loads.	8590	1293	1290	1243
	8591	1297	1303	1237
Reg tubes 1/8 Turn — Tube 84 30 9.9 N Strong yield — 403 pounds. 4.4 ½ — 23.9	8592	1100	1247	1067
	8593	1077	1241	1043
	8594	1087	1247	970
1065 Ra Low heat, Welded elimination 4.4 ½ f1 — 24.9	8595	1263	1210	1190
	8596	1260	1200	1180
21K	8597	1260	1180	1167
Dup 8595	8598	1167	1297	1230
21K 2 Loads.	8599	1173	1287	1243
	8600	1173	1273	1240
1068 — Low heat, Welded) Elimination 4.4 ½ f 24.1 9	8601	1200	1117	1093
	8602	1217	1120	1100
21K	8603	1233	1160	1130
Dup 8601	8604	1100	1267	1223
21K 2 Loads.	8605	1100	1250	1227
	8606	1107	1260	1173
1074 Ra Low heat, Welded elimination 4.4 ½ f 25.3 pounds	8607	1267	1217	1177
	8608	1280	1217	1120
21K	8609	1277	1210	1190

100	150	150 ½	Hot	200	½	Hot
1240	1183	1210	343	1130	1152	303
1227	1200	1227	333	1173	1197	263
1170	1110	1150	307	1077	1100	283
1167	977 nos					
1177	1000 nos					
967	860 nos					
	893	1000	683			
	863	960	647			
	810	890	670			
1183	1130	1157	323			
1180	1140	1163	310			
1200	1167	1190	290			
1170	1027	1187	547			
1157	1017	1157	570			
1050	897	1060	550			
1100	1057	1083	300			
1087	1080	1097	207			
1110	1077	1090	290			
990	793	970	560			
1110	890	1083	600			
950	867	1027	507			
1160	1117	1140	293			
1097	1013	1093	320			
1177	1110	1140	283			

S.S. 1 Ring



Dup 8607
21K 2 Lobe

1074 RQ Brief Involvement
Worked perpendicular
44 Plate 1/2 23.8 ?
21K

Dup 8618
21K 2 Lobe -

1211 RQ 1/2W not Recorded
Worked perpendicular
Tow bar
44 1/2 ? 21K

Dup 8619
21K 2 Lobe -

1064 RQ Brief Involvement
worked perpendicular - 44 ? perpendicular
1/2 1113 - 2W Higher -
21K

Dup 8625
21K 2 Lobe

1066 RQ Involved (worked)
perpendicular - 1093 ? perpendicular -
44 - 2W ?
21K

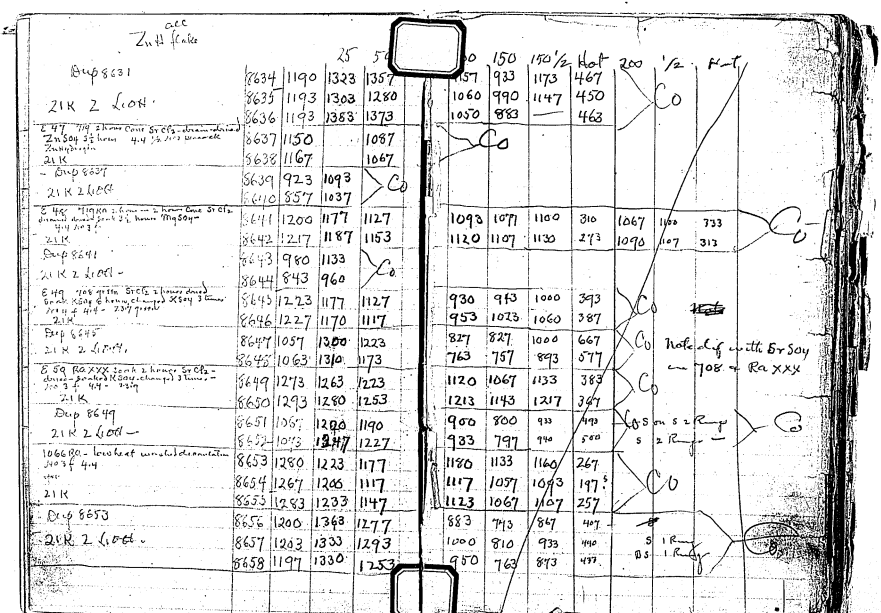
		25	50	
8610	1190	1347	1300	
8611	1187	1313	1280	
8612	1187	1327	1313	
8613	1187	1133	1117	
8614	1190	1150	1133	
8615	1177	1130	1100	
8616	1067	1230	1240	
8617	1080	1243	1250	
8618	1083	1240	1250	
8619	1217	1113	1090	
8620	1223	1130	1090	
8621	1227	1157	1147	
8622	1217	1327	1327	
8623	1190	1263	1285	
8624	1217	1323	1310	
8625	1257	1207	1190	
8626	1250	1207	1213	
8627	1250	1207	1163	
8628	1220	1387	1363	
8629	1220	1343	1368	
8630	1227	1427	1350	
8631	1250	1197	1193	
8632	1253	1197	1177	
8633	1253	1216	1177	

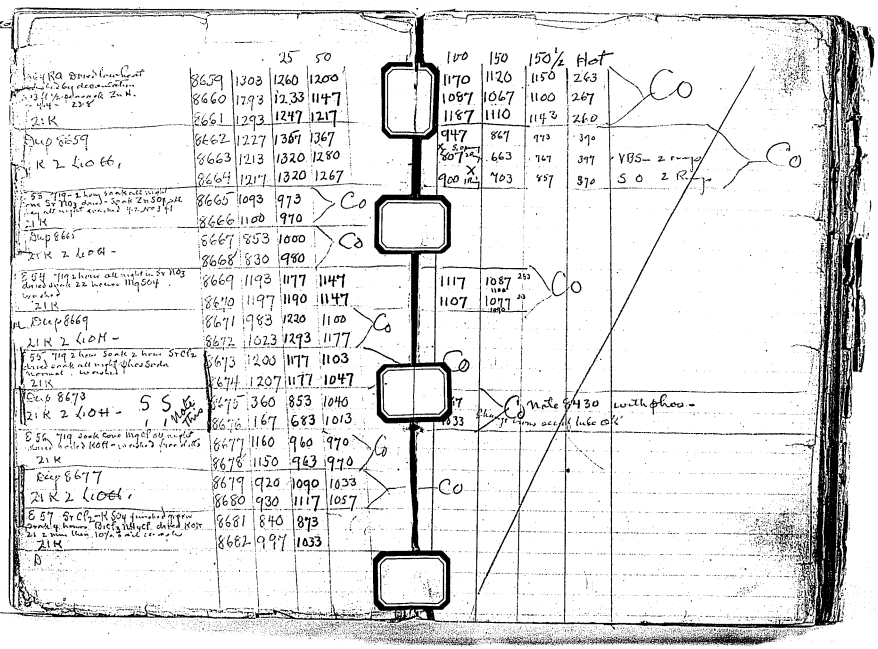
100	150	150 1/2	Heap
950	810	967	507
857	753	880	523
867	733	853	509
1127	1100	1127	303
1130	1113	1127	270
1103	1093	1110	267
1110	833	1050	547
1000	817	1000	527
1020	827	1007	547
1073	1063	1077	297
1123	1077	1090	213
1187	1133	1157	273
1153	857	977	553
1113	917	1040	527
1093	1010	1157	540
1190	1160	1180	263
1240	1227	1241	227
1140	1093	1123	273
1170	933	1110	607
1113	900	1066	540
1127	910	1067	483
1213	1193	1217	260
1173	1150	1267	263
1190	1167	1190	263

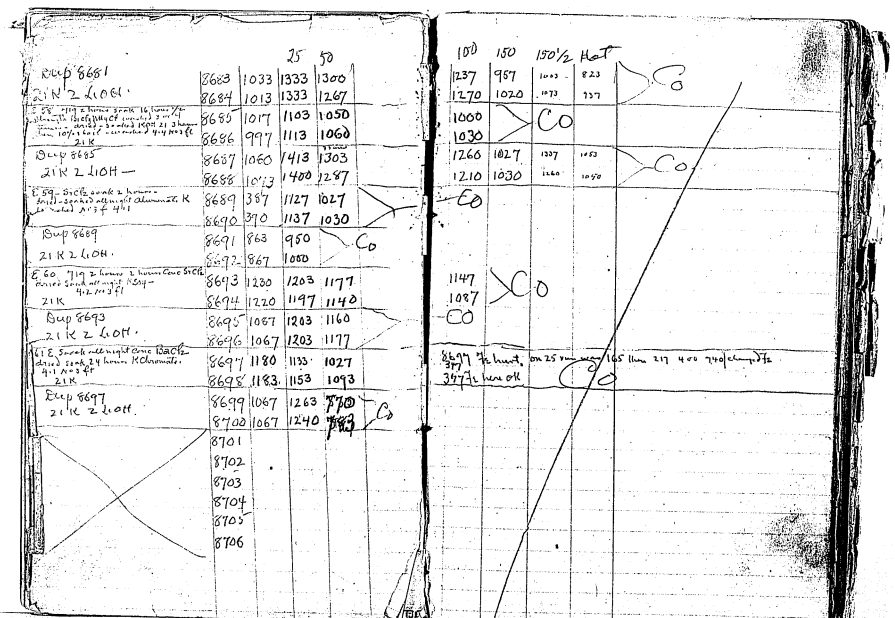
S-1R -

B-5 2R
S-2R
S 2R

2743
914

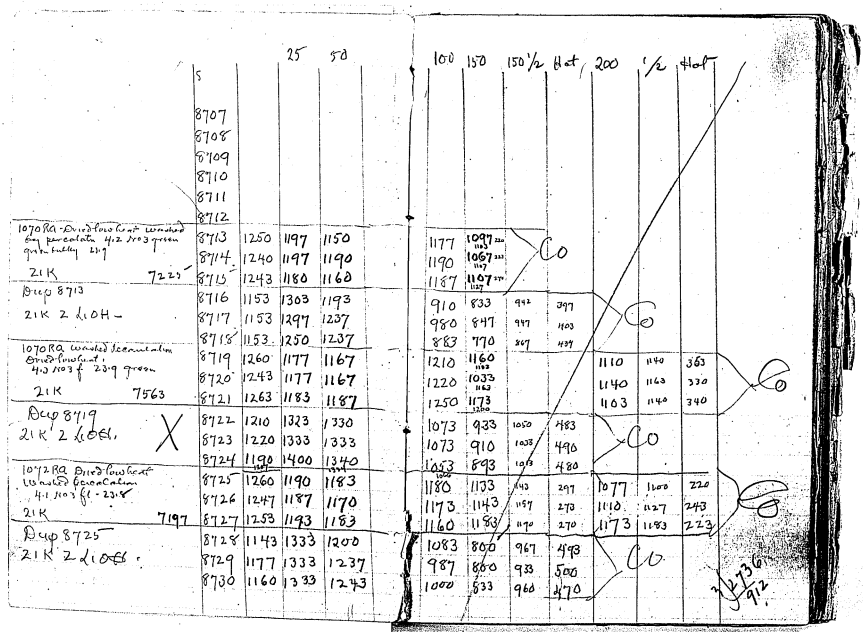

Zn H flake
25
Dup 8631
21K 2 Lion.
8634 1190 1323 1357
8635 1193 1303 1280
8636 1193 1383 1373
8637 1150 1087
8638 1167 1067
Dup 8639
21K 2 Lion
8639 923 1093
8640 857 1037
Co
8641 1200 1177 1127
8642 1217 1187 1153
Dup 8641
21K 2 Lion
8643 980 1133
8644 843 960
Co
8645 1223 1177 1127
8646 1227 1170 1117
Dup 8645
21K 2 Lion
8647 1057 1200 1223
8648 1063 1310 1173
8649 1273 1263 1223
8650 1293 1280 1253
Dup 8649
21K 2 Lion
8651 1067 1290 1190
8652 1073 1317 1227
8653 1280 1223 1177
8654 1267 1205 1117
8655 1283 1233 1147
Dup 8653
8656 1200 1368 1277
21K 2 Lion
8657 1263 1333 1293
8658 1197 1330 1253
150
150 1/2
Hot
200
1/2
Hot
157 933 1173 467
1060 990 1147 450
1050 883 — 463
Co
1093 1071 1100 310 1067 1100 733
1120 1107 1130 273 1090 1107 313
Co
930 943 1000 393
953 1023 1060 387
Co
827 827 1000 667
763 757 893 577
Co
Note dg with Br Say
— 708 + Ra XXX
1120 1067 1133 383
1213 1143 1217 347
Co
900 800 933 493
933 797 990 580
Co
1180 1133 1160 267
1117 1057 1093 197
1123 1067 1107 257
Co
883 793 867 407
1000 810 933 490
950 763 893 497
Co

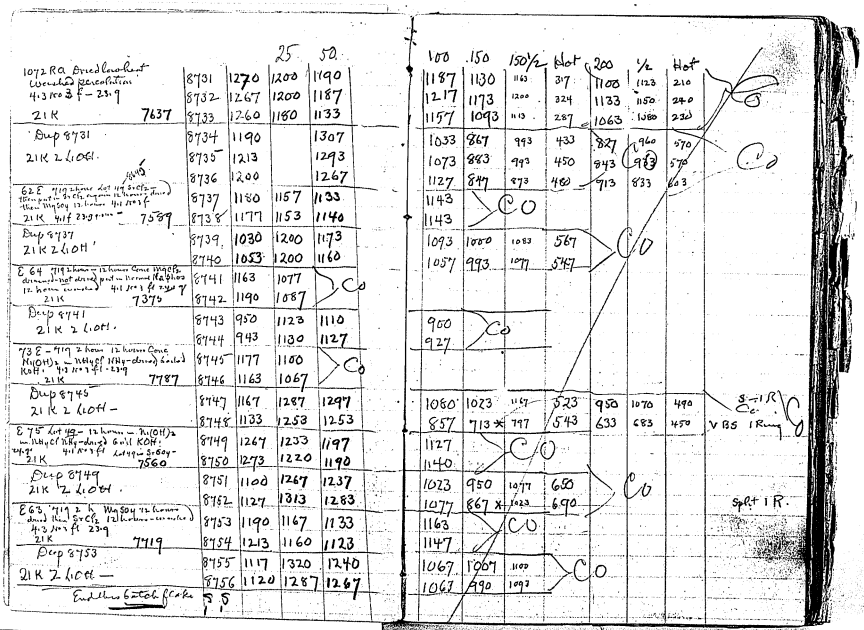


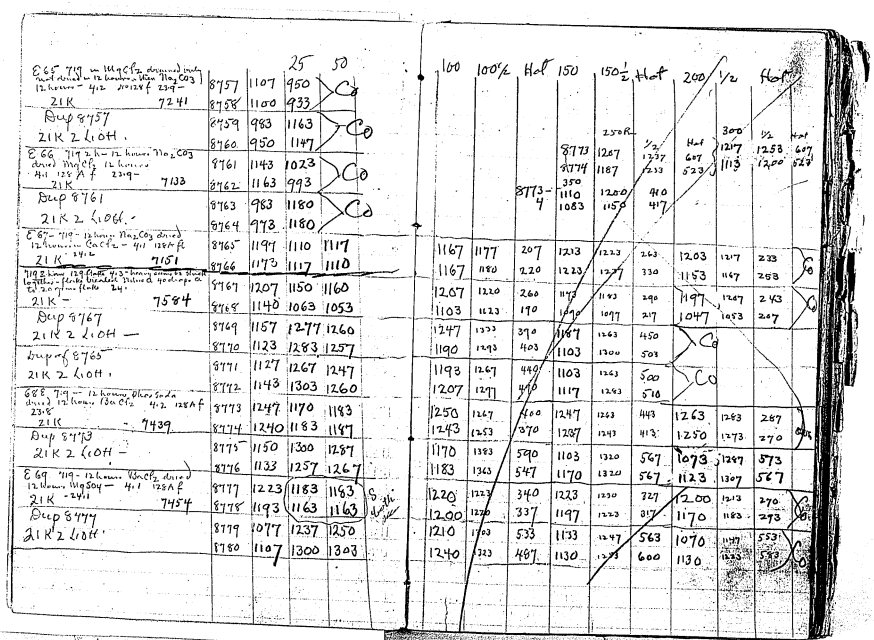


		25	50	
Exp 8681	8683	1033	1333	1300
21K 2 L10H.	8684	1013	1333	1267
E 58 719 2 hours 300K 16 hours 1/2 atmosph (Beefy)(Hot) (smoky) 3 hrs 1/2 atmos + 300K 3 hours (Cold) 21 2 hours 1000 + 300K + overnight 4:1 N=3 ft 21K	8685	1017	1103	1050
	8686	997	1113	1060
Exp 8685 21K 2 L10H —	8687	1060	1413	1303
	8688	1013	1400	1287
E 59 Stock 2 hours + Bact + 300K 3 hours 1/2 atmosph Air 21K 4:1	8689	387	1127	1027
	8690	390	1137	1030
Exp 8689 21K 2 L10H.	8691	863	950	
	8692	867	1080	
E 60 719 2 hours 2 hours Conc Stock Bact + 300K 3 hours 1/2 atmosph Air 4:1 N=3 ft 21K	8693	1230	1203	1177
	8694	1220	1197	1140
Exp 8693 21K 2 L10H.	8695	1067	1203	1160
	8696	1067	1203	1177
E 61 Smoke all night Conc Bact + 300K 24 hours 1/2 atmosph Air 4:1 N=3 ft 21K	8697	1180	1133	1027
	8698	1183	1153	1093
Exp 8697 21K 2 L10H.	8699	1067	1263	1140
	8700	1067	1240	1183
	8701			
	8702			
	8703			
	8704			
	8705			
	8706			

	100	150	150½	Hot
	1237	957	1003	823
	1270	1020	1073	737
	1000			
	1030			
	1266	1027	1207	1053
	1210	1030	1260	1050
	1147			
	1087			
	8697 ½ hunt.			
	3977 hunt ok			


25
50
100
150
150½
Hot
200
½
Hot
S
8707
8708
8709
8710
8711
8712
1070RA - Dried Inoculant washed
8713
1250
1197
1150
1177
1097
1063
1067
1047
1037
Co
8714
1240
1197
1190
1190
1187
1187
1137
1179
1139
8715
1243
1180
1160
1187
Dcup 8713
8716
1153
1303
1193
910
833
942
397
21K 2 LiOH -
8717
1153
1297
1237
980
847
997
403
8718
1153
1250
1237
883
770
867
437
1070RA washed Inoculum
8719
1260
1177
1167
1210
1160
1163
1110
1140
383
Grind-Inoculant:
8720
1243
1177
1167
1220
1035
1163
1140
1163
330
4:1 1063 gl - 23.9 green
21K
7563
8721
1263
1183
1187
1250
1173
1200
1163
1140
340
Dcup 8719
8722
1210
1323
1330
1073
933
1050
483
21K 2 LiOEt,
X
8723
1220
1333
1333
1073
910
1038
490
Co
8724
1190
1400
1340
1033
893
1019
480
1070RA Dried Inoculant
8725
1260
1190
1183
1180
1133
1143
297
1077
1108
220
Washed Granulation
8726
1247
1187
1170
1173
1143
1157
270
1110
1127
243
4:1 1063 gl - 23.8
21K
7197
8727
1253
1193
1183
1160
1183
1170
270
1173
1183
223
Dcup 8725
8728
1143
1333
1200
1083
800
967
498
21K 2 LiOEt
8729
1177
1333
1237
987
860
933
500
Co
8730
1160
1333
1243
1000
833
960
470
2736
912

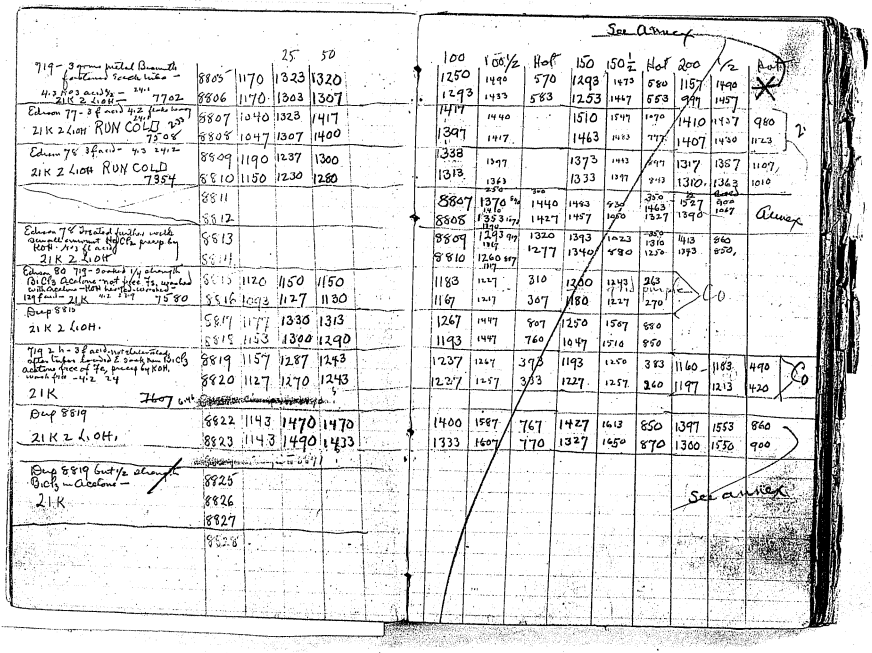




		25	50	
E 71 - 719 - 12 hour Mg phos soaked 12 hours Ca Cl2 4-1 12 Aug 24	8781	1253	1200	1180
21K 7368	8782	1243	1183	1173
Sup 8781 21K 2 Lioh	8783	1133	1273	1280
	8784	1117	1283	1243
E 72 - 719 - 24 h - 12 hours in Ca Cl2 soak 12 hours KH2PO4 - 4-1 NO3 f-24- 21K 7348	8785	1243	1243	1230
	8786	1233	1197	1193
Sup 8785 21K 2 LiOH	8787	1150	1347	1353
	8788	1163	1330	1353
E 77 - 719 2 h - soak 12 hours Ca Cl2 acetate - 4-2 24-1 7583	8789	1020	1108	1100
	8790	1033	1063	1100
Sup 8789 21K 2 LiOH flakes not (wetted)	8791	1067	1380	1400
	8792	1060	1380	1387
E 78 - 719 2 h - 1/2 strength Ca Cl2 acetate no soak E 77 unbalanced no 77- acid 24-1 NO3 4-2 f-3- 21K 7460	8793	1197	1300	1290
	8794	1190	1317	1263
E 79 - 719 - more Ca Cl2 acetate no soak unbalanced same as E 77 - acid 24-1 NO3 4-2 23.5 7530	8795	1200	1347	1333
	8796	1177	1350	1273
719 2 h NO3 1/2 acid 1 part 2½ vols 2 parts Ca Cl2 acetate 21K 2 grms LiOH 1254	8797	1167	1367	1330
	8798	1147	1810	1183
Sup 8797 1 grm Ba OH 21K 2 LiOH 7376	8799	1137	1297	1220
	8800	1153	1347	1320
Sup 8797 400 mlg Ba OH 21K 2 LiOH	8801	1123	1357	1303
	8802	1117	1307	1283
Sup 8797 .2 mlg Ba OH 21K 2 LiOH 7479	8803	1083	1260	1223
	8804	1123	1333	1303

100	100½	Hot	150	150½	Hot	200	½	Hot	
1190	1210	297	1163	1190	247	1143	1166	257	
1223	1247	273	1173	1183	234	1158	1164	273	
1180 1207 1160 1423		487	1103	1303	620	1110	1237	650	50
		473	1167	1350	603	1110	1237	637	
1240	1263	280	1200	1247	313	1170	1183	263	
1193	1247	313	1183	1183	280	1110	1127	270	
1230									
1240	1410	580	1103	1317	713	1067	1247	743	
	1390	587	1207	1373	727	1133	1307	767	
1097	1127	330	1110	1143	270	1106	1123	277	
1117	1143	310	1133	1167	237	1087	1118	283	
1323		1007	1343	1503	1147	1257	1533	990	
1400		1060	1350	1453	1087	1307	1458	970	
1333	1463	937	1290	1427	977				
1327	1453	906	1260	1370	993				
			1253	1393	1007	1223	1447	1087	
			1257	1400	1010	1183	1353	993	
1413	1477	677	1320	1507	747	1253			
1323	1370	617	1220	1390	694	1153			
1297	1350	583	1194	1357	700	1147			
1397	1443	597	1267	1457	680	1213			
1280	1353	623	1200	1360	623	1153			
1287	1387	663	1233	1397	643	1223			
1227	1317	570	1160	1307	583	927			
1263	1343	657	1260	1387	673	1213			

150 lit Run Andrews Pt.



719 - 3 grms pitted Amberlite fractioned through 40-80 mesh screen - 4.2 meq acidity = 24:1 2LiOH & 2 LiOH — 7702

Edman 77 - 3 g and 4.2 meq acidity 24:1 2 LiOH RUN COLD 75°C 7508

Edman 78 3 gram - 4.2 24:2 2 LiOH RUN COLD 7354

Edman 78 Treated fraction with ammonium hydroxide pump by KOH - 24:1 (2 meq) 2 LiOH

Edman 80 719 - soaked 1/4 strength Ba(OH)2 Acetone not free of H2O, washed with acetone - then hydrolyzed - 134 grms - 2LiOH 4:2 24:1 75°C

Dup 8815 2 LiOH.

719 2 h - 3 g acid exchange with Ba(OH)2 treated & pump by Ba(OH)2 acetone free of H2O, pump by KOH work for - 4:2 24

2 LiOH

Dup 8819 2 LiOH,

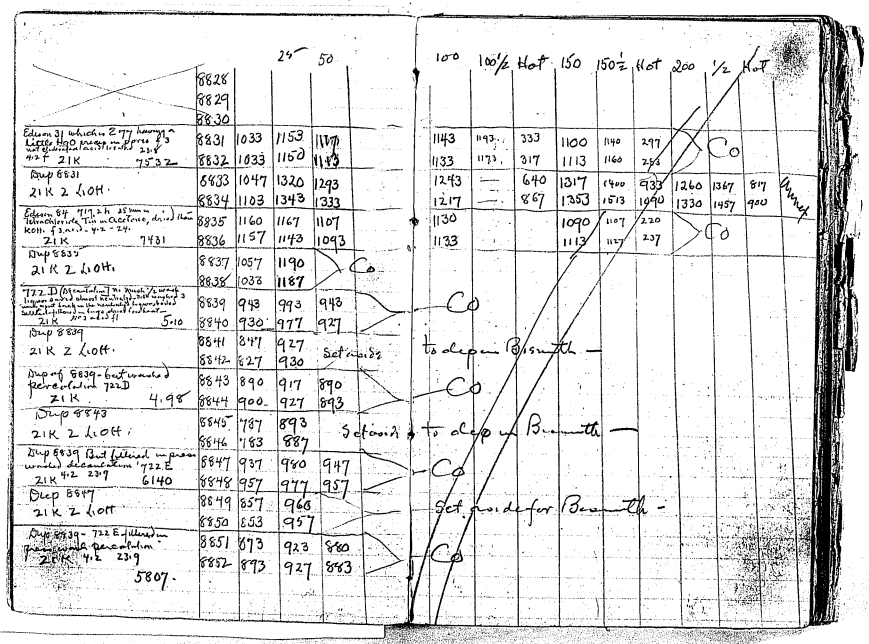
Dup 8819 but 1/2 strength Ba(OH)2 — Acetone — 2 LiOH

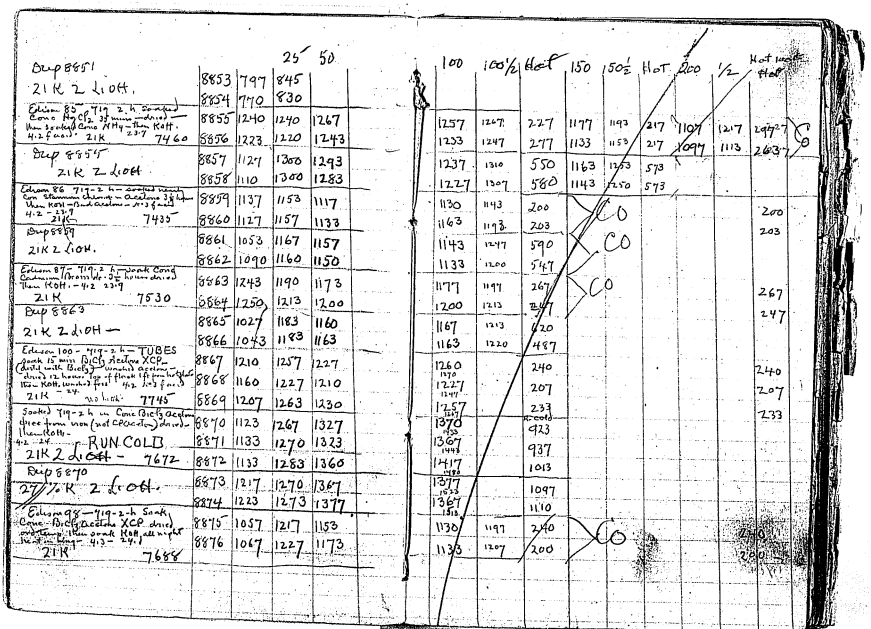
			25	50
	8805	1170	1323	1320
	8806	1170	1303	1307
	8807	1040	1328	1417
	8808	1047	1307	1400
	8809	1190	1237	1300
	8810	1150	1230	1280
	8811			
	8812			
	8813			
	8814			
	8815	1120	1150	1150
	8816	1093	1127	1130
	8817	1177	1330	1313
	8818	1153	1300	1290
	8819	1157	1287	1243
	8820	1127	1270	1243
	8822	1143	1470	1470
	8823	1143	1490	1433
	8825			
	8826			
	8827			
	8828			

See Answer

100	100 1/2	Half	150	150 1/2	Half	200	1/2	Half
1250	1490	570	1293	1473	580	1157	1490	
1293	1433	583	1253	1447	553	999	1457	
1417	1440		1510	1547	1470	1410	1437	980
1397	1417		1463	1483	777	1407	1430	1123
1388	1397		1373	1413	697	1317	1387	1107
1313	1363		1333	1397	713	1310	1363	1010
8807	1370	1440	1493	1530	1500	1527	1490	
8808	1353	1427	1457	1460	1327	1390	1447	
8809	1293	1320	1393	1423	1310	1413	860	
8810	1260	1277	1340	1380	1250	1393	850	
1183	1227	310	1300	1343	263			
1167	1247	307	1180	1227	270			
1267	1447	807	1250	1567	680			
1193	1497	760	1047	1510	850			
1237	1247	393	1193	1250	383	1160	1183	490
1227	1257	383	1227	1257	360	1197	1213	420
1400	1587	767	1427	1613	850	1397	1553	860
1333	1607	770	1327	1650	870	1300	1550	900

See answer

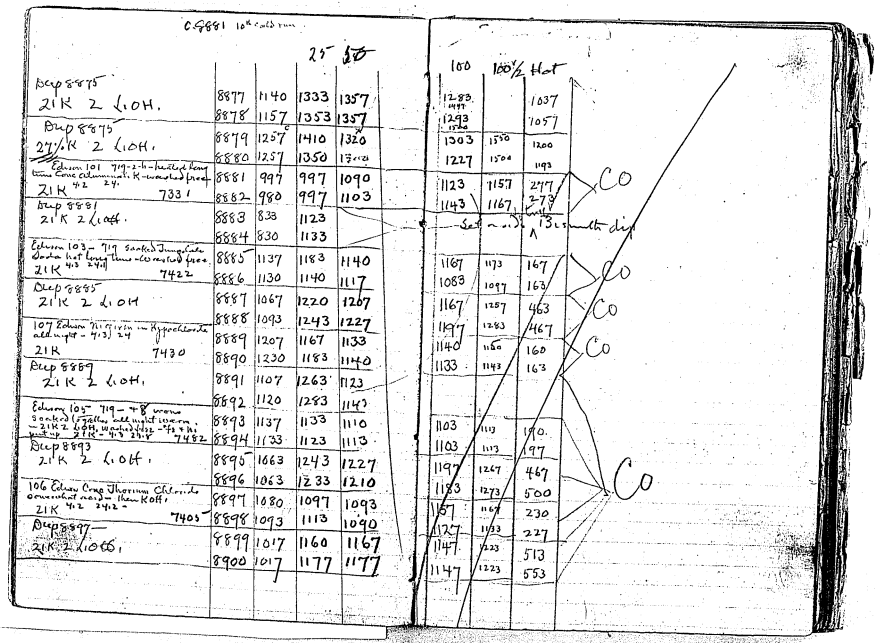




Dup 8851
21K 2 Loch.
8853 797 845
8854 770 830
Edison 83 — 7H9 2 h Sample Cave — Pacific 38 fair-moderate — Then Sparkle Cave KH9 — Then Kath. 4-2 fair-? 21K 7460
8855 1240 1240 1267
8856 1223 1220 1243
Dup 8854
21K 2 Loch
8857 1127 1300 1293
8858 1110 1300 1283
Edison 86 — 7H9 2 h — Crooked Tooth Cave — Shannon Theory — Acadian 38 fair — Then Kent — Pacific Academy — 4-3 fair-? 4-2 — 22.7 21K 7435
8859 1137 1153 1117
8860 1127 1157 1133
Dup 8861
21K 2 Loch.
8861 1053 1167 1157
8862 1090 1160 1150
Edison 87 — 7H9 2 h — Spark Cave — Shannon Theory — Pacific 38 fair-moderate — Then KOH — 4-2 22.9 21K 7530
8863 1243 1190 1173
8864 1250 1213 1200
Dup 8865
21K 2 Loch —
8865 1027 1183 1160
8866 1043 1183 1163
Edison 100 — 7H9 2 h — TUBES (sank 15 min) Pacific Academy XCP (sank with Pacific 3 minutes) acadian — drove 12 hours — top of flank 18 feet — Then KOH, sank 2 feet 4-2 2.3 fair-? 21K — 24. — no luck 7745
8867 1210 1257 1227
8868 1160 1227 1210
Sparkle) 7H9 — 2 h — Cave Pacific Academy three from west (not Crooked) drove — Then Kath — 4-2 24. — RUN COLD 21K 2 Loch — 7672
8869 1207 1263 1230
8870 1123 1267 1327
8871 1133 1270 1323
8872 1133 1283 1360
Dup 8870
21½K 2 Loch.
8873 1217 1270 1367
8874 1223 1273 1377
Edison 98 — 7H9 — 2 h Sparkle Cave — Pacific Academy XCP drove) sank 2 min — Then Sparkle KOH, all night — 4-3 — 24.1 21K 7688
8875 1057 1217 1153
8876 1067 1227 1173

100	100½	Hot	150	150½	Hot	200	½	Hot sample Hot
1257	1247	227	1177	1193	217	1197	1217	1197 CO
1233	1247	277	1133	1153	217	1097	1113	2637 CO
1237	1310	550	1163	1243	573			
1227	1307	580	1143	1250	573			
1130	1193	200						200
1163	1193	203						203
1143	1247	590						
1133	1200	547						
1177	1197	267						267
1200	1213	247						247
1167	1213	220						
1163	1220	487						
1260 1270		240						240
1227 1247		207						207
1257 1267		233						233
1370 1355		4 cores 923						
1367 1398		937						
1417 1398		1013						
1377 1353		1097						
1367 1315		1110						
1130	1197	240						240
1133	1207	200						280

CO
CO
CO
CO



			25	50	
719-2h Rep for Hallelujah for Lesh	8901				
	8902				
	8903				
Return 102. Hypochlorite treated 719 acid to 1000 KCP Nitric acetic and 0.1% Nitric KAH - 4.2 21K 7580	8904	1030	1120	1087	
	8905	1047	1120	1130	
Dup 8904 21K 2 Lioh'	8906	1067		1363	
	8907	1057		1380	
Regilled packets for Hoagan to test if they were poor cup one day hot. 21	8908	497	480	483	310
	8909	493	490	480	307
	8910	493	473	467	303
Dup 8908 Flat pkts 21K 2 LiOH.	8911	400	450	385	367
	8912	397	383	290	350
	8913	413	463	347	363
RA 723 filtered — Tank with filter sheet and heat Stérilization 30'3 with F 713 - 241 21K 6.53	8914	1117	1133	1143	
	8915	1127	1143	1120	
Dup 8914 21K 2 LiOH —	8916	1093	1243	1280	
	8917	1120	1243	1287	
RA 723 filtered — Tank with filter sheet and long heat percolation 4.2 f 21K 6.51	8918	1140	1167	1160	
	8919	1183	1197	1203	
Dup 8918 21K 2 LiOH,	8920	1170	1310	1330	
	8921	1163	1297	1380	
RA723 - ½ tank drained + tops 2 tanks dried tank heat Sterilization as per test (has stirrer) to dup 8921 4.2 f 21K 7335	8922	1123	1130	1103	
	8923	1123	1130	1127	

From 8924 To 8999 Cancelled That was

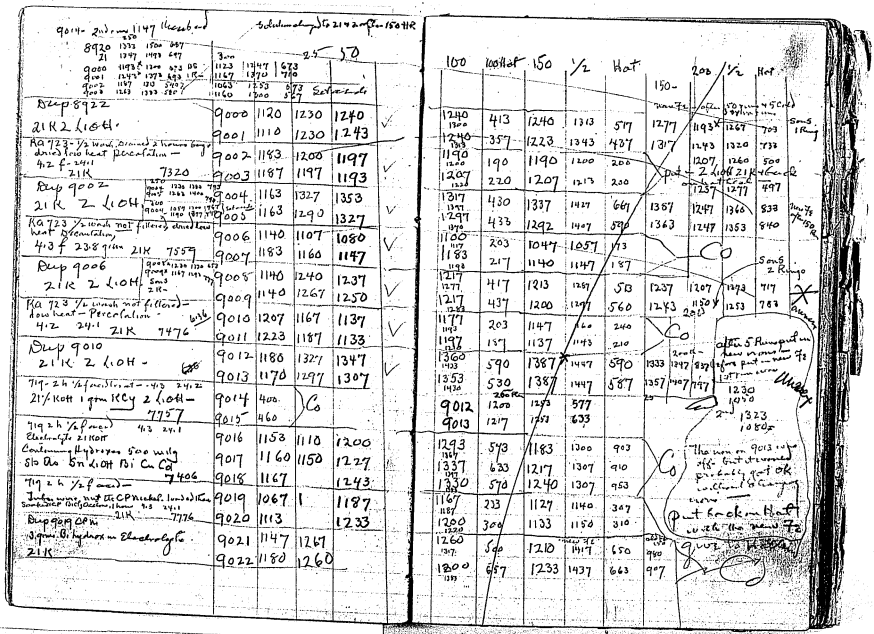
100	100½	Hot	150	½	Half
			Now for after 150 Run		
1117	1147	297	1083	1110	330
1140	1180	420	1133	1179	447
1377 1300	1437 ½ 1397	1180 1097	½	Hot	
	Not Tc	1097 Tc			
466	267	418	447	253	
463	247	423	497	310	
437	240	390	458	300	
303	347	267	473	347	
288	327	257	262	308	
233	350	240	258	341	
1173	1183	180	1130	1147	277
1163	1173	200	1127	1140	273
1280	1397	427	1227	1240	543
1287	1370	463	1317	1393	550
1157	1170	247	1153	1167	303
1227	1237	197	1200	1240	340
1333	1417	383	1303	1423	500
1313	1397	402	1350	1423	570
1127	1137	180	1120	1133	257
1127	1140	207	1113	1130	260
8916 17	1170 1200	1217 1250	623 650	85	300 1050 1233

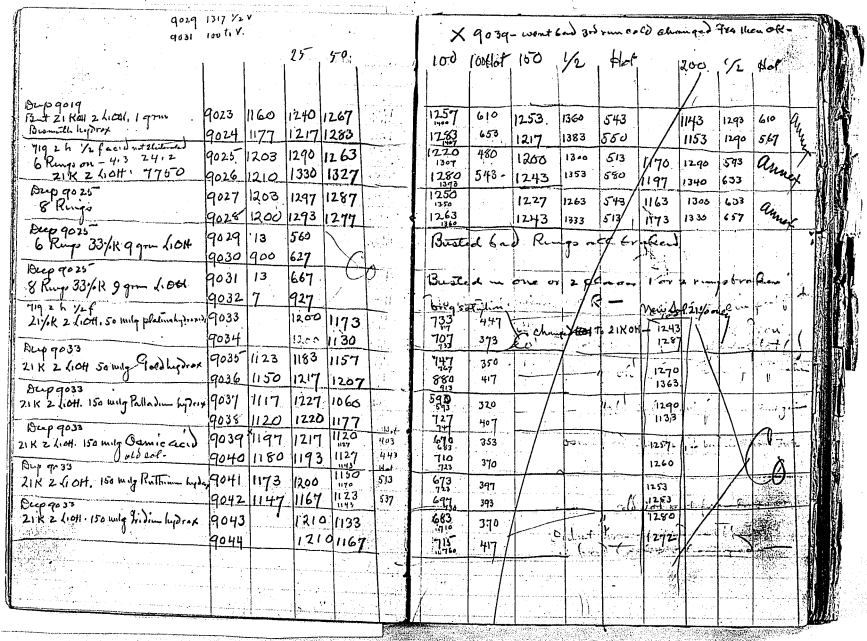
200 th Run Hot 150 1343 — 1413 1347 — 1450

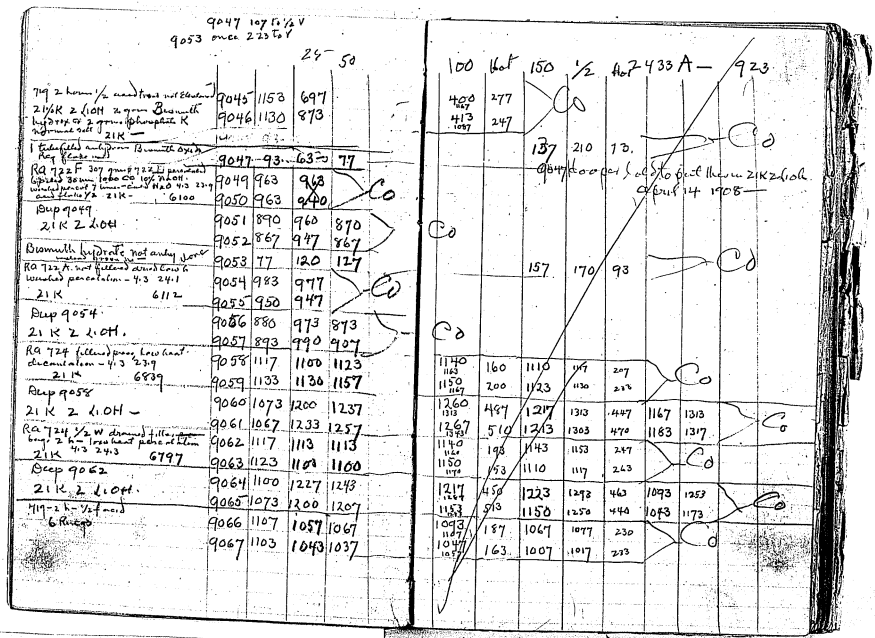
5 on 5 2 Runs

1293	1213	1253	723	
1367	1323	1400	803	
8920 21	1230 1190	1297 1267	717 662	

Sent





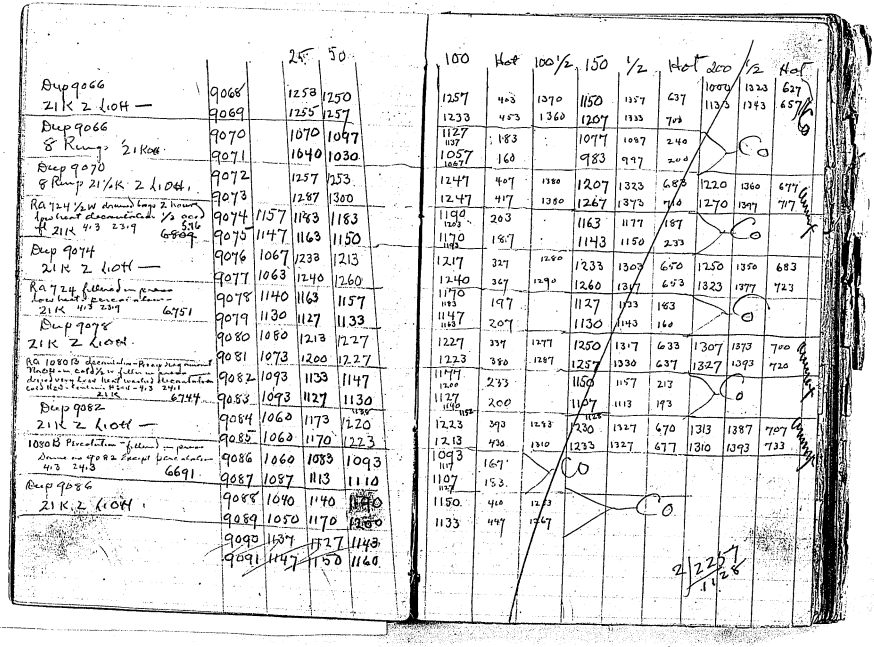


9047 107 [illegible] V
9053 over 225 [illegible] V

24 50

719 2 hours ½ and then not changed	9045	1158	697	
21K 2 10H 2 grams Bismuth	9046	1130	873	
hydrate of 2 grams of phosphate K				
nitrogen out 21K —				
1 tube filled with green 15 minutes drying				
Rep 9046	9047	93	63	77
RA 722 F 307 grams 722 [illegible]	9049	963	968	
[illegible] 30 min. tube CO 10% 24.0%	9050	963	940	Co
[illegible] 7 hours CO2 NaO 4.3 23.9				
and flame 24 21K — 6100				
Rep 9049	9051	890	960	870
21K 2 10H	9052	867	947	867
Bismuth hydrate not analyzed	9053	77	120	127
RA 722 A wet hydrate 2 CO2 6	9054	983	977	Co
21K 6112	9055	950	947	
Rep 9054	9056	880	973	873
21K 2 10H.	9057	893	990	907
RA 724 (filled) pass, low heat	9058	1117	1100	1123
21K 6839	9059	1133	1130	1157
Rep 9058	9060	1073	1200	1237
21K 2 10H —	9061	1067	1233	1257
RA 724 ½ 2 W drawn, filled with	9062	1117	1113	1113
21K 6797	9063	1123	1100	1100
Rep 9062	9064	1100	1227	1243
21K 2 10H.	9065	1073	1200	1207
719 2 h. ½ and	9066	1107	1057	1067
6 Rep	9067	1103	1043	1037

100	Hot	150	½	Hot	433 A —	923		
480 497	277							
413 1097	247							
		137	210	78.				
		1844	Co open	1 cc 10	Co			
		157	170	93				
1140 1163	160	1110	997	207				
1150 1167	200	1123	1130	238				
1260 1313	497	1217	1313	1447	1167	1313		
1267 1313	510	1243	1303	470	1183	1317		
1140 1164	198	1143	1153	247				
1150 1177	193	1110	1117	243				
1217 1144	458	1223	1293	463	1093	1253		
1153 1177	513	1150	1250	448	1043	1173		
1093 1107	187	1067	1077	230				
1047 1057	163	1007	1017	223				



Dup 9066
21K 2 LIOH —

Dup 9066
8 Rings 21 Kos

Dup 9070
8 Rings 21/2K 2 LIOH.

RA 724 ½W drawn long 2 hours
[illegible] discontinued. ½ occ)
4h 21K 4·3 23·9 5.96
6804

Dup 9074
21K 2 LIOH —

RA 724 [illegible] — grease
low [illegible] grease-clean —
21K 4·3 23·9 6751

Dup 9078
21K 2 LIOH.

RA 1080 B decantation Rings very coarse
Thick — cells ½ filled with powder
dried very low heat (water) Precipitation
cells 1620 Ferrous Blue 4·3 24·1
21K 6744

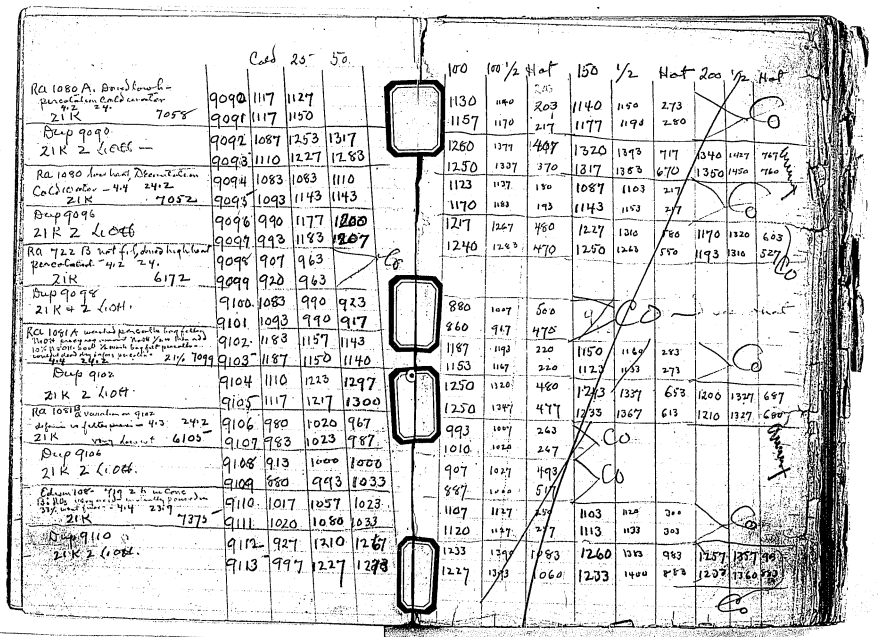
Dup 9082
21K 2 LIOH —

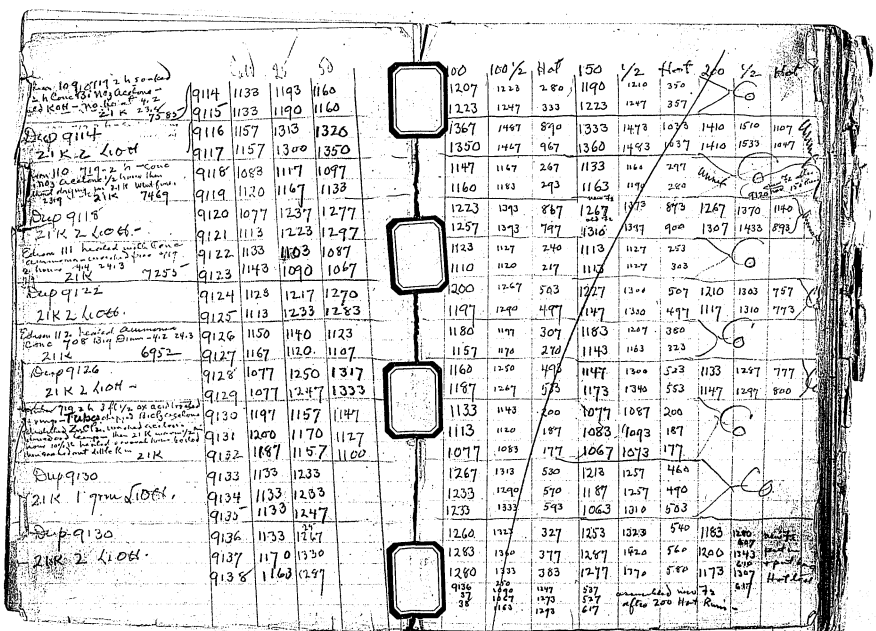
1080 B Precipitation (fellow) — grease
Same as 9082 except final reaction
4·3 24·3 6691

Dup 9086
21K 2 LIOH.

	25°	50
9068	1258	1250
9069	1255	1257
9070	1070	1097
9071	1040	1030
9072	1257	1253
9073	1287	1300
9074	1183	1183
9075	1163	1150
9076	1238	1213
9077	1240	1260
9078	1163	1157
9079	1127	1133
9080	1213	1227
9081	1200	1227
9082	1138	1147
9083	1127	1130
9084	1173	1220
9085	1170	1223
9086	1083	1093
9087	1113	1110
9088	1140	1140
9089	1170	1200
9090	1127	1148
9091	1150	1160

100	Hot	100/½	150	½	Hot	200	½	Hot
1257	403	1370	1150	1357	637	1007	1323	627
1233	453	1360	1207	1333	703	1133	1343	657
1127	183		1077	1097	240			
1057	160		983	997	200			
1247	407	1380	1207	1323	683	1220	1360	677
1247	417	1360	1267	1373	710	1270	1397	717
1190	203		1163	1177	187			
1170	187		1143	1150	233			
1217	327	1280	1233	1303	650	1250	1350	683
1240	367	1290	1260	1317	653	1323	1377	723
1170	197		1127	1133	183			
1147	207		1130	1143	160			
1227	337	1277	1250	1317	633	1307	1373	700
1223	380	1287	1257	1330	637	1327	1393	720
1177	233		1150	1157	213			
1127	200		1107	1113	193			
1223	393	1283	1230	1327	670	1313	1387	707
1213	436	1310	1233	1327	677	1310	1393	733
1093	167							
1107	153							
1150	410	1273						
1133	447	1247						

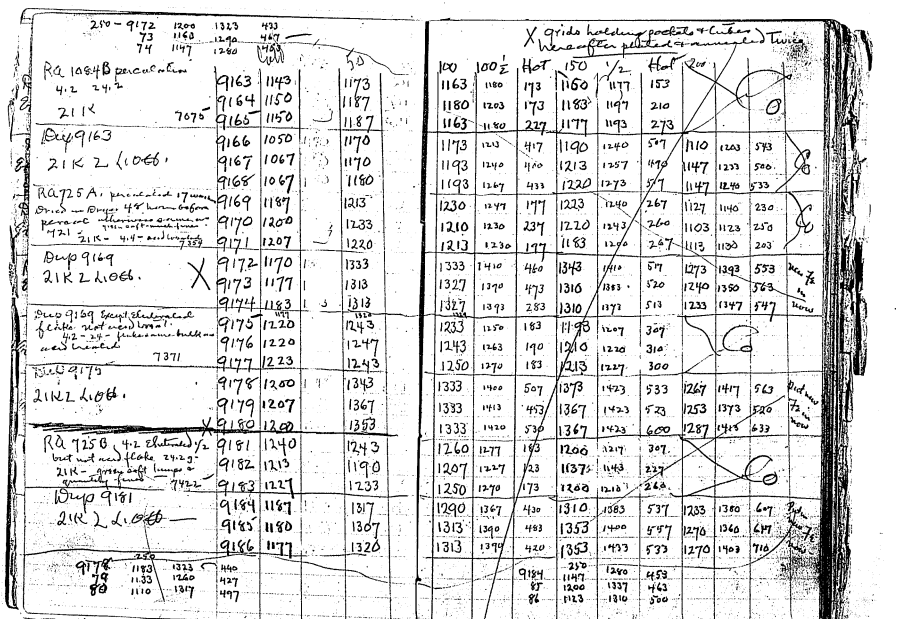


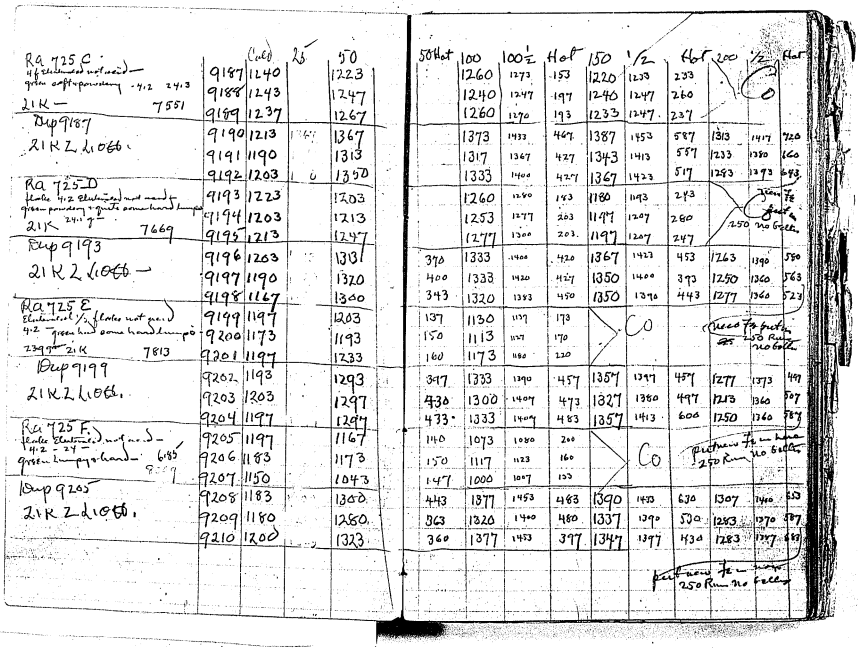


250 – 9145	1093	1360	560		
46	1037	1247	570		
47	1047	1247	567		
			25	58	
Dup 9130	9139	1200	1157	1110	
Except 6 Remp	9140	1187	1143	1110	
21K	9141	1197	1160	1133	
Dup 9130	9142	1167	1267		
Except 6 Remp 1 gm Liobl	9143	1133	1240		
& 21K	9144	1127	1220		
Dup 9130	9145	1190	1310	1310	
Except 6 Remp	9146	1193	1350	1330	
21K 2 Liobl	9147	1200	1367	1347	
Dup 9130	9148	1233	1267	1183	
Except 6 Remp	9149	1243	1330	1210	
21K	9150	1217	1287	1167	
Except 9130	9151	1193	1303		
Except 6 Remp 21K 1 gm	9152	1187	1260		
Liobl	9153	1198	1287		
Dup 9130	9154	1197		1333	
Except 6 Remp	9155	1157		1290	
21K 2 Liobl	9156	1187		1337	
Ra 1084A. Washed pence	9157	1193	Recovery	1223	
24.1 4.4	9158	1180		1197	
21K 7131	9159	1193		1227	
Dup 9157	9160	1097		1210	
21K 2 Liobl	9161	1090		1210	
	9162	1130		1247	

From here until further notice
1 e from 9162 flasks 3 1/2 ox Edwards 6 hr

1100	1100	Not	190	1/2	Hot	200	1/2	Hot		
1103	1107	180	1067	1078	213					
1117	1127	193	1070	1080	243					
1143	1165	190	1093	1103	277					
1253	1317	593	1213	1280	533	1203	1247	467		
1240	1307	540	1200	1248	530	1177	1217	473		
1200	1307	513	1093	1250	493	1060	1237	467		
1260	1353	400	1287	1371	570	1177	1300	640	Between 1/2	
1280	1387	477	1307	1407	623	1253	1367	693	Hot	
1237	1410	487	1340	1460	627	1253	1383	680		
1157	1167	317	1177	1187	370	1123	1148	290		
1193	1210	243	1187	1197	313	1080	1087	257		
1150	1160	197	1143	1157	267	1030	1037	237		
1310	1393	600	1233	1307	497					
1253	1343	507	1217	1263	480					
1277	1367	567	1260	1330	410					
1297	1400	500	1340	1427	630	1233	1347	667	Between	
1223	1333	480	1277	1373	623	1187	1330	663	7/8 Hot	
1283	1457	587	1400	1520	730	1247	1477	710		
1217	1230	193	1217	1227	190					
1193	1210	173	1187	1193	250					
1197	1207	190	1200	1210	217					
1183	1277	417	1200	1293	550					
1217	1267	437	1287	1299	577					
1207	1297	457	1220	1300	553					
	250									
9144	1063	1273	523							
57	1090	1293	523							
52	1147	1373	570							





RA 725 C
(Elevated not round) —
green soft powdery · 4.2 24.3
21K — 7551
Dup 9187
21K2.1066.

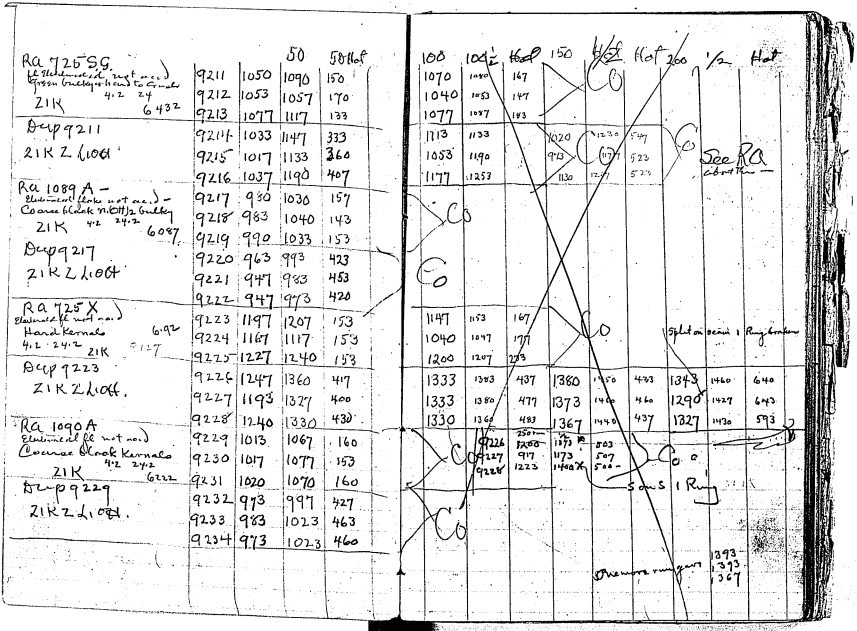
RA 725 D
(Ecke 4.2 Elevated) not round
green powdery + spots some hard lumps
21K 24.1 7 — 7669
Dup 9193
21K2.1066 —

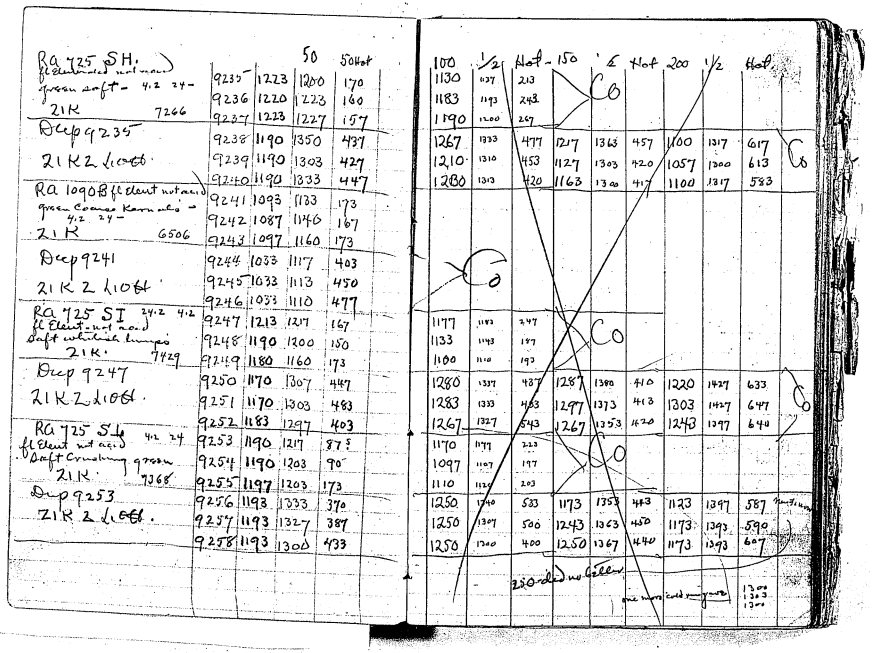
RA 725 E
Elevated 1/2 (Ecke not pro.)
4.2 green hard some hard lumps
23.9 21K 7813
Dup 9199
21K2.1066.

RA 725 F.
(Ecke Elevated) not round —
4.2 - 24 —
green lumpy hard — 6.85
Dup 9205
21K2.1066.

	(Cal)	25	50
9187	1240		1223
9188	1243		1247
9189	1237		1267
9190	1213		1367
9191	1190		1313
9192	1203		1350
9193	1223		1203
9194	1203		1213
9195	1213		1247
9196	1203		1313
9197	1190		1320
9198	1167		1300
9199	1197		1203
9200	1173		1193
9201	1197		1233
9202	1193		1293
9203	1203		1297
9204	1197		1297
9205	1197		1167
9206	1183		1173
9207	1150		1043
9208	1183		1300
9209	1180		1280
9210	1200		1323

50 Hot	100	100½	Hot	150	½	Hot	200	½	Hot
	1260	1273	153	1220	1239	233			
	1240	1247	197	1240	1247	260			
	1260	1270	193	1233	1247	237			
	1373	1433	467	1387	1453	587	1313	1417	720
	1317	1367	427	1343	1413	557	1233	1350	660
	1333	1400	427	1367	1423	517	1253	1373	643
	1260	1290	143	1180	1193	243			
	1253	1277	203	1197	1247	280			
	1277	1300	203	1197	1247	247			
370	1333	1400	420	1367	1423	453	1263	1390	580
400	1338	1420	427	1350	1400	393	1250	1360	563
343	1320	1393	450	1350	1396	443	1277	1360	523
137	1130	1137	173						
150	1113	1157	170		Co				
160	1173	1180	220						
317	1333	1390	457	1357	1397	457	1277	1373	497
430	1300	1407	473	1327	1380	497	1213	1360	507
433	1333	1407	483	1357	1413	606	1250	1360	587
140	1073	1090	200						
150	1117	1123	160		Co				
147	1000	1007	133						
443	1377	1453	463	1390	1453	630	1307	1400	653
363	1320	1400	480	1337	1390	530	1283	1370	587
360	1377	1453	397	1347	1397	434	1283	1397	647


Ra 725 SG.
Elsdonmead (lacks west end)
Hyson Green (collapsed to rim) to Grindle
4.2 24.2
21K
6432
Dep 9211
21K 2 Lio8
Ra 1089 A –
Elsdonmead (lacks west end)
Coarse Clough Nr Otley
21K
6087
Dep 9217
21K 2 Lio8
Ra 725 X
Elsdonmead (lacks west end)
Hazel Kernals
6.92
4.2 24.2
21K
Dep 9223
21K 2 Lio8.
Ra 1090 A
Elsdonmead (lacks west end)
Coarse Clough Kernals
4.2 24.2
21K
6222
Dep 9229
21K 2 Lio8.
9211 1050 1090 150
9212 1053 1057 170
9213 1077 1117 133
9214 1033 1147 333
9215 1017 1133 360
9216 1037 1190 407
9217 930 1030 157
9218 983 1040 143
9219 990 1033 153
9220 963 993 423
9221 947 983 453
9222 947 973 420
9223 1197 1207 153
9224 1167 1117 153
9225 1227 1240 153
9226 1247 1360 417
9227 1193 1327 400
9228 1240 1330 430
9229 1013 1067 160
9230 1017 1077 153
9231 1020 1070 160
9232 973 997 427
9233 983 1023 463
9234 973 1023 460
100 1070 1040 1077
1013 1053 1077
1177
1147 1040 1200
1333 1333 1330
1020 943 1130
1373 1367
1380
1373
1367
1227 917 1223
1393 1373 1367
See Ra
Sans 1 Rug
Split on second 1 Rug broken
Otherwise running good



Ra 725 SH. ff Element nut meal green soft - 4.2 24 - 21K 7266
Dup 9235
21K 2 Lobes
Ra 1090 ff Element nut meal green Coarse Kernels - 4.2 24 - 21K 6506
Dup 9241
21K 2 Lobes
Ra 725 SI 24.2 4.2 ff Element nut meal soft white lumps 21K. 7429
Dup 9247
21K 2 Lobes.
Ra 725 SL 4.2 24 ff Element nut meal Soft Crumbly green 21K 7368
Dup 9253
21K 2 Lobes.

		50	50 hot
9235	1223	1200	170
9236	1220	1223	160
9237	1223	1227	157
9238	1190	1350	437
9239	1190	1303	427
9240	1190	1333	447
9241	1093	1133	173
9242	1087	1146	167
9243	1097	1160	173
9244	1033	1117	403
9245	1033	1113	450
9246	1033	1110	477
9247	1213	1217	167
9248	1190	1200	150
9249	1180	1160	173
9250	1170	1307	447
9251	1170	1303	483
9252	1183	1297	403
9253	1190	1217	87?
9254	1190	1203	90
9255	1197	1203	173
9256	1193	1333	370
9257	1193	1327	387
9258	1193	1300	433

100	1/2	Hot - 150		E	Hot	200	1/2	Hot	
1130	1127	213							
1183	1173	243							
1190	1200	267							
1267	1333	477	1217	1363	457	1100	1317	617	
1210	1310	453	1127	1303	420	1057	1300	613	
1280	1313	420	1163	1300	417	1100	1317	583	
1177	1173	247							
1133	1143	197							
1100	1110	193							
1280	1337	487	1287	1380	410	1220	1427	633	
1283	1333	483	1297	1373	413	1303	1427	647	
1267	1327	543	1267	1353	420	1243	1397	640	
1170	1177	223							
1097	1107	197							
1110	1120	203							
1250	1340	583	1173	1353	483	1123	1397	587	
1250	1307	506	1243	1363	450	1173	1393	599	
1258	1300	400	1250	1367	440	1173	1393	607	

250 added no yellow

one more card of yours

1303
1343
1300

Rq 725 SK)
fl Elem not nec.)
4.2 23.8
21K 7552

Decp 9259
21K 2 Li06

Rq 1088 A, 24.2 4.2
fl Elem not cand
Hard lumps gritty green
21K 7164

Decp 9265
21K 2 Li06

Rq 1086 A - 4.2 24.3
fl Elem not nec)
Hard and white lumps
21K 8041

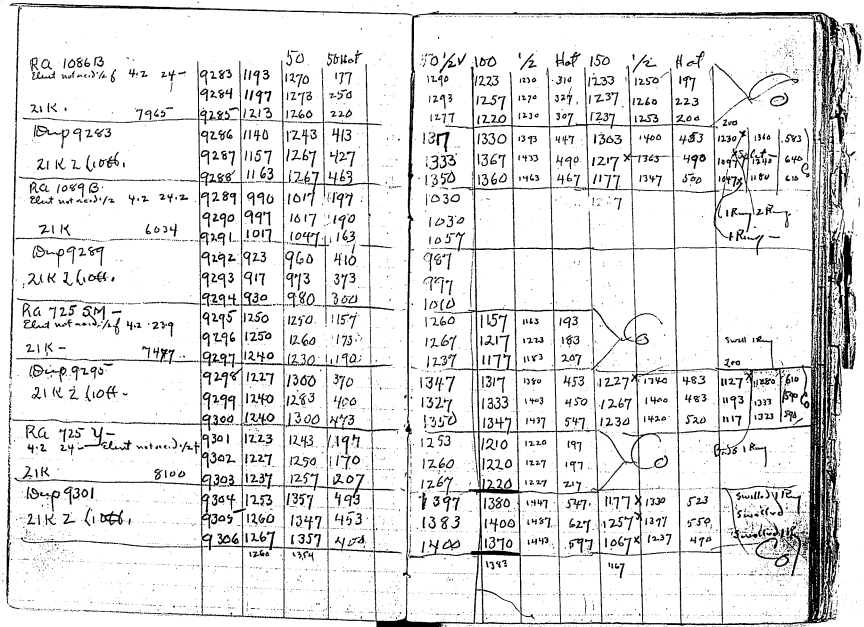
Decp 9271
21K 2 Li06

Rq 1088 B 24. 4.2
fl Elem not nec
Hard lumps
21K 7009

Decp 9277
21K 2 Li06

			50	50 Hot
	9259	1197	1258	193
	9260	1220	1273	263
	9261	1223	1257	200
	9262	1200	1377	527
	9263	1217	1313	520
	9264	1210	1377	500
	9265	1220	1267	233
	9266	1200	1247	183
	9267	1223	1267	197
	9268	1133	1230	477
	9269	1150	1227	457
	9270	1147	1247	493
	9271	1237	1287	193
	9272	1223	1267	177
	9273	1223	1277	200
	9274	1167	1290	530
	9275	1160	1263	517
	9276	1160	1243	463
	9277	1183	1243	220
	9278	1183	1233	163
	9279	1193	1247	207
	9280	1107	1200	447
	9281	1107	1193	440
	9282	1113	1220	463

50 ½	100	½	Hot	150	½	Hot	200	½	Hot	
	1197	1203	233							
	1237	1240	270							
	1213	1223	240							
	1300	1357	463	1283	1407	490	1187	1403	627	
	1267	1360	430	1193	1347	503	1047	1283	580	
	1267	1353	393	1187	1327	463	1027	1267	567	
	1247	1257	277	1180	1193	278				
	1183	1190	260	1157	1177	190				
	1223	1227	293	1207	1223	227				
1290	1350	1427	557	1323	1487	587	1127	1300	640	
1280	1297	1390	520	1277	1373	507	1143	1293	623	
1290	1393	1457	607	1290	1410	553	1113	1293	633	
	1250	1257	287	1253	1273	253				
	1217	1223	240	1203	1220	240				
	1267	1273	220	1260	1263	243				
1367	1400	1490	603	1267	1487	570	1113	1246	650	
1333	1393	1450	550	1330	1447	560	1190	1360	570	
1327	1350	1483	573	1323	1410	576	1233	1393	670	
	1220	1233	243	1183	1200	283				
	1197	1210	270	1167	1187	207				
	1220	1233	200	1183	1197	247				
1243	1313	1367	563	1233	1333	547	1133	1333	620	
1237	1230	1310	523	1083	1241	547	893	1088	573	
1267	1327	1393	537	1233	1380	560	1077	1223	631	

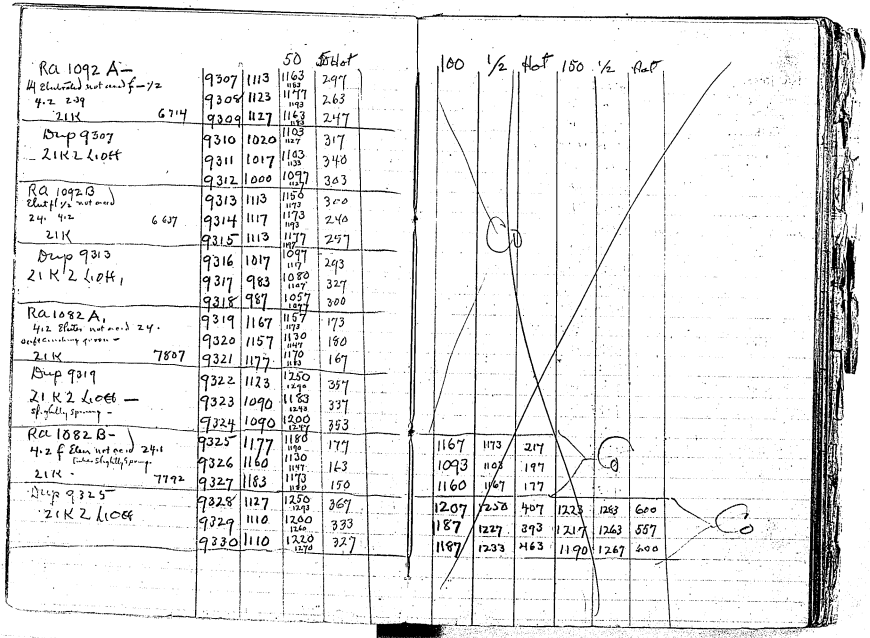


RQ 10861B
Elent not necess'y 4.2 24-
21K. 7965
Dup 9283
21K 2 Loff.
RQ 10898
Elent not necess'y 4.2 24.2
21K 6034
Dup 9289
21K 2 Loff.
RQ 725 SM -
Elent not necess'y 4.2 23.9
21K - 7487
Dup 9295
21K 2 Loff.
RQ 725 Y -
4.2 24 - Elent not necess'y 4.2
21K 8100
Dup 9301
21K 2 Loff.

9283	1193	1270	177	
9284	1197	1278	250	
9285	1213	1260	220	
9286	1140	1243	413	
9287	1157	1267	427	
9288	1163	1267	463	
9289	990	1017	197	
9290	997	1017	190	
9291	1017	1047	163	
9292	923	960	410	
9293	917	973	373	
9294	930	980	300	
9295	1250	1250	1157	
9296	1250	1260	1750	
9297	1240	1230	1190	
9298	1227	1300	370	
9299	1240	1283	400	
9300	1240	1300	443	
9301	1223	1243	1197	
9302	1227	1250	1170	
9303	1237	1257	207	
9304	1253	1357	493	
9305	1260	1347	453	
9306	1267	1357	4503	
	1260	1354		

50 1/2 V	100	1/2	Half	150	1/2	Half
1290	1223	1230	310	1233	1250	197
1293	1257	1270	327	1237	1260	223
1277	1220	1230	307	1237	1253	200
1317	1330	1343	447	1363	1400	483
1333	1367	1393	490	1217	1365	490
1350	1360	1463	467	1177	1347	520
1030				1217		
1030						
1057						
967						
997						
1010						
1260	1157	1163	193			
1267	1217	1223	183			
1237	1177	1183	207			
1347	1317	1330	453	1227	1240	483
1327	1333	1343	450	1267	1400	483
1350	1347	1437	547	1230	1420	520
1253	1210	1220	197			
1260	1220	1227	197			
1267	1220	1227	207			
1397	1380	1447	547	1177	1330	523
1383	1400	1487	627	1257	1397	550
1400	1370	1443	597	1067	1237	470
	1393			467		

1230	1340	583	
1097	1240	640	
1047	1180	610	
1127	1280	610	
1093	1333	593	
1117	1323	593	



Ra 1092 A—
4 Blastpl ½ wet mud f–½
4.2 2.39
21K 6714

Dup 9307
21K2 Lioff

Ra 1092 B
Blastpl ½ wet mud
24 4.2 6 607
21K

Dup 9313
21K2 Lioff

Ra 1082 A,
4.2 Blastpl wet mud 24.
coffee-crushing grain —
21K 7807

Dup 9319
21K2 Lioff —
sl. oily sparing —

Ra 1082 B-
4.2 f Blastpl wet mud 24.1
Fine Slightly sparing
21K 7772

Dup 9325
21K2 Lioff

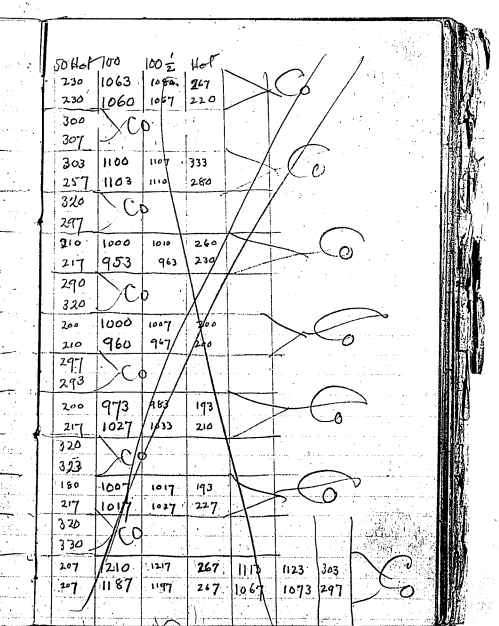
			50	50 Hot
9307	1113	1163 1137	1177 1193	297 263
9308	1123	1168 1183		247
9309	1127			
9310	1020	1103 1127		317
9311	1017	1102 1135		340
9312	1000	1097 1123		303
9313	1113	1150 1173		300
9314	1117	1173 1193		240
9315	1113	1177 1197		257
9316	1017	1097 1117		293
9317	983	1080 1107		327
9318	987	1057 1077		300
9319	1167	1157 1173		173
9320	1157	1130 1147		180
9321	1177	1170 1183		167
9322	1123	1250 1270		357
9323	1090	1183 1220		337
9324	1090	1200 1247		353
9325	1177	1180 1190		177
9326	1160	1130 1147		163
9327	1183	1173 1180		150
9328	1127	1250 1293		367
9329	1110	1260 1260		333
9330	1110	1220 1270		327

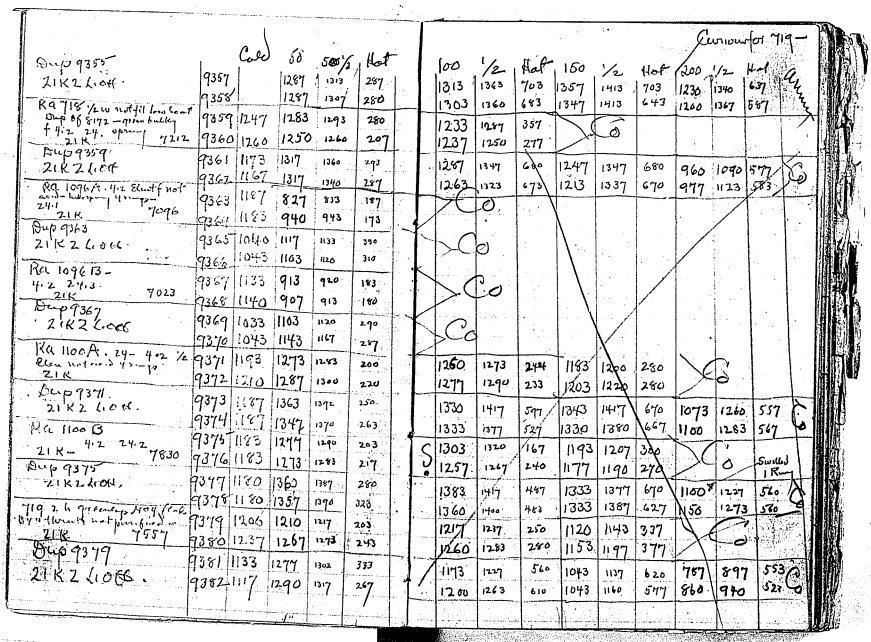
100	½	Hot	150	½	Hot
1167	1173	217			
1093	1108	197			
1160	1167	177			
1207	1238	407	1223	1283	600
187	1227	393	1217	1263	587
1187	1233	463	1190	1267	600

1/4 line lines crossed 1½ slightly apparent

			50	50½
Ra 1093A. 4.3 f Elem watered 24.2 21 6760	9331	1127	1113	1123
	9332	1123	1077	1083
Dup 9331 21K24.00f.	9333	1067	1043	1073
	9334	987	1037	1047
	9335	1143	1179	1190
	9336	1153	1150	1160
	9337	977	1033	1057
	9338	980	1037	1047
Ra 1094A 5.6 f Elem watered 4.3 f 24.2 yr.	9339	1117	1073	1080
	9340	1117	1047	1060
Dup 9339 21K24.00f.	9341	1023	1063	1093
	9342	1023	1047	1073
Ra 1094B. 4.2 f Elem watered 23.9 21K	9343	1070	980	983
	9344	1067	953	960
Dup 9343 21K24.10M.	9345	1000	990	1020
	9346	1000	983	1010
Ra 1095A. 4.3 f Elem watered 21K	9347	1140	927	933
	9348	1150	927	933
Dup 9347 21K24.00f.	9349	1053	1030	1053
	9350	1053	1037	1093
	9351	1128	947	953
	9352	1130	873	880
	9353	1020	1000	1020
	9354	1020	1057	1073
7.9-21 Yosemite Lake No 3 Multiple exposure Natural Lines — Emg Lines 10231 - 4.3-24.2 4 exp 21 4449	9355		1190	1200
	9356		1170	1180

50 Hof	100	100½	Hof
230	1063	1080	267
230	1060	1067	220
300			
307			
303	1100	1107	333
257	1103	1110	280
320			
297			
210	1000	1010	260
217	953	963	230
290			
320			
200	1000	1007	260
210	960	967	220
297			
298			
200	973	983	193
217	1027	1033	210
320			
323			
180	1007	1017	193
217	1017	1027	227
320			
330			
207	210	1217	267
207	1187	1197	247


Co
Co
Co



Ra 719-2 h-gravity ok nor dry ok-CP [illegible] by Alley 4-4 - 23ft [illegible] 6 Rings 21K 7708	9383	1273	1133	1193
	9384	1267	1213	1243
Dup 9383	9385	1137	1067	1102
21K 2 LOH.	9386	1130	1060	1133
Ra 7250, 4 Shot not used- 4-2 24.1	9387	1260	1257	1270
21K 7618	9388	1243	1253	1267
Dup 9387	9389	1233	1260	1283
21K 2 LOH.	9390	1241	1327	1333
Ra 1101 A Shot not used- 4-2 . 24.	9391	1177	1160	1193
21K 7127	9392	1243	1273	1287
Dup 9391	9393	1207	1310	1327
21K 2 LOH	9394	1207	1303	1330
Ra 1101 B- 4-3 24	9395	1190	1130	1153
21K 7248	9396	1193	1207	1220
Dup 9395	9397	1146	1207	1227
21K 2 LOH.	9398	1160	1260	1280
Ra 1102 A. 4-2 24	9399	1237	1240	1253
21K 7099	9400	1250	1233	1243
Dup 9399	9401	1200	1293	1317
21K 2 LOH.	9402	1193	1303	1310
Ra 1102 B. 4-3 24.2	9403	1200	1197	1203
21K 7126	9404	1210	1193	1200
Dup 9403	9405	1160	1277	1270
21K 2 LOH.	9406	1160	1257	1277

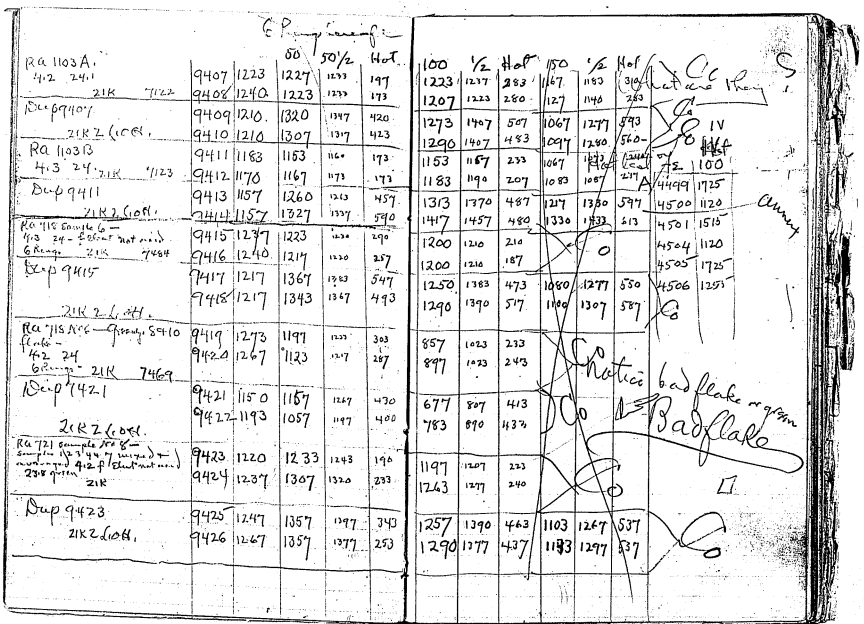
Hot	100	1/2	Hot	150	1/2	Hot
250	1073	1120	310			
260	1120	1173	320			
413	996	1020	410			
453	977	987	423			
243	1287	1293	327	1223	1233	327
207	1237	1243	283	1193	1200	283
490	1327	1347	497	1267	1303	580
480	1330	1377	540	1267	1317	617
233	1157	1200	227	1100	1127	273
207	1273	1287	227	1145	1170	290
467	1340	1430	453	1363	1417	627
430	1380	1450	453	1340	1433	617
190	1223	1237	157	1100	1107	247
203	1220	1233	200	1157	1147	277
333	1287	1333	407	1253	1227	523
363	1357	1397	467	1330	1393	580
250	1237	1253	257	1153	1180	310
227	1233	1247	267	1173	1190	287
387	1283	1393	503	1090	1303	590
343	1263	1430	503	1147	1317	617
200	1190	1197	240	1123	1130	267
173	1190	1197	237	1100	1107	257
333	1350	1390	447	1253	1353	600
343	1327	1377	423	1217	1317	580

Water heavy flak

Charge 1/2 200 R in Gallery

200R

1067 1300 620
1133 1397 667
Bolt



Ra 1103A.			50	50/2	Hot.
4:2 24.1	9407	1223	1227	1233	197
21R 7122	9408	1240	1223	1233	173
Dup 9407	9409	1210	1320	1347	420
21R 2 (10R).	9410	1210	1307	1317	423
Ra 1103B	9411	1183	1153	1160	173
4:3 24. 21R 7123	9412	1170	1167	1173	173
Dup 9411	9413	1157	1260	1263	457
21R 2 (10R).	9414	1157	1327	1337	590
Ra 718 Sample 6 — 4:3 24 — Effect not much 6 Rings 21R 7468	9415	1237	1223	1230	290
	9416	1240	1217	1220	257
Dup 9415	9417	1217	1367	1383	547
	9418	1217	1343	1347	493
21R 2 (10R).					
Ra 718 Acc — Group 8410 Sample — 4:2 24 6 Rings 21R 7469	9419	1273	1197	1233	303
	9420	1267	1123	1137	287
Dup 7421	9421	1150	1187	1247	430
	9422	1193	1057	1097	400
21R 2 (10R).					
Ra 721 Sample Acc 8 — Sample Up 4 Rings (unsigned) — 4:2 24 (Adjustment made) 238 grains 21R	9423	1220	1233	1243	190
	9424	1237	1307	1320	233
Dup 9423	9425	1247	1357	1397	343
21R 2 (10R).	9426	1267	1357	1377	253

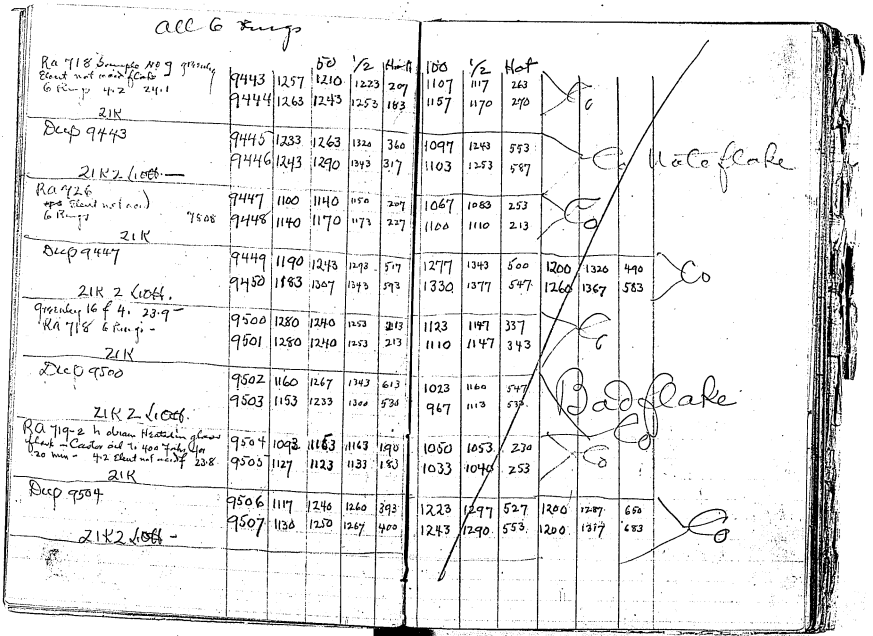
100	1/2	Half	150	1/2	Half
1223	1237	283	1167	1183	310
1207	1223	280	1127	1146	283
1273	1307	507	1067	1277	593
1290	1407	483	1097	1280	560
1153	1167	233	1067	1187	267
1183	1190	207	1083	1087	217
1313	1370	487	1227	1380	597
1417	1457	480	1330	1433	513
1200	1210	210			
1200	1210	187			
1250	1383	473	1080	1277	550
1290	1390	517	1100	1307	587
857	1023	233			
897	1023	243			
677	807	413			
783	890	434			
1197	1207	233			
1243	1277	240			
1257	1390	463	1103	1267	537
1290	1377	437	1183	1297	537

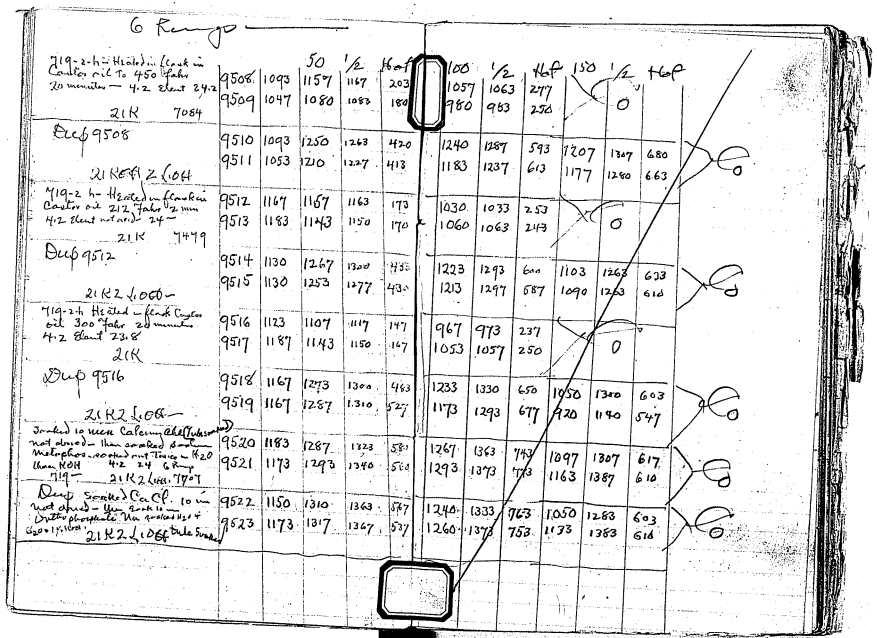
4499	1100
4499	1725
4500	1120
4501	1515
4504	1120
4505	1725
4506	1253

		Cold	50	1/2	Heat
Greenhays Xm 11 12-12 P.					
Ra 718 – Same system as usual – 9357 4.4 24H	9427	1187	953	1017	217
6 Rep 4.3 24 21KAH. 7396	9428	1210	1017	1053	190
Dup 9427	9429	1023	733	983	333
	9430	977	650	787	300
21K2 Loch.					
Greenhays Xm 11 12-12 P.					
Ra 718 – Same system as usual – 9357 4.4 24H	9431	1297	1257	1267	197
6 Rep same system as usual 21K	9432	1280	1230	1240	193
Dup 9431	9433	1217	1187	1246	343
	9434	1230	1237	1310	400
21K2 Loch.					
Ra 1105 A. Rough untreated flake	9435	1227	1290	1250	240
6 Rep 4.2 23.9	9436	1233	1217	1223	237
21K					
Dup 9435	9437	1197	1297	1323	503
	9438	1197	1277	1297	463
21K2 Loch.					
Ra 1105 B. Roughly untreated	9439	1200	1200	1210	217
6 Rep 4.3 24.1	9440	1190	1130	1137	220
21K					
Dup 9439	9441	1180	1267	1293	423
	9442	1170	1240	1263	370
21K2 Loch.					

100	1/2	Heat	
			Rotten flake
			its fracture was small & dominated by cortex of flake fractures
1180	1207	252	
1160	1173	231	
1017	1183	563	
1120	1223	603	Heat rate of flake
1153	1167	240	
1187	1197	248	
1327	1377	613	
1300	1350	587	
1147	1160	233	
1123	1130	220	
1317	1350	547	
1263	1310	507	
1167	1307	533	
1143	1307	520	
1263	1290	533	
1200	1297	513	

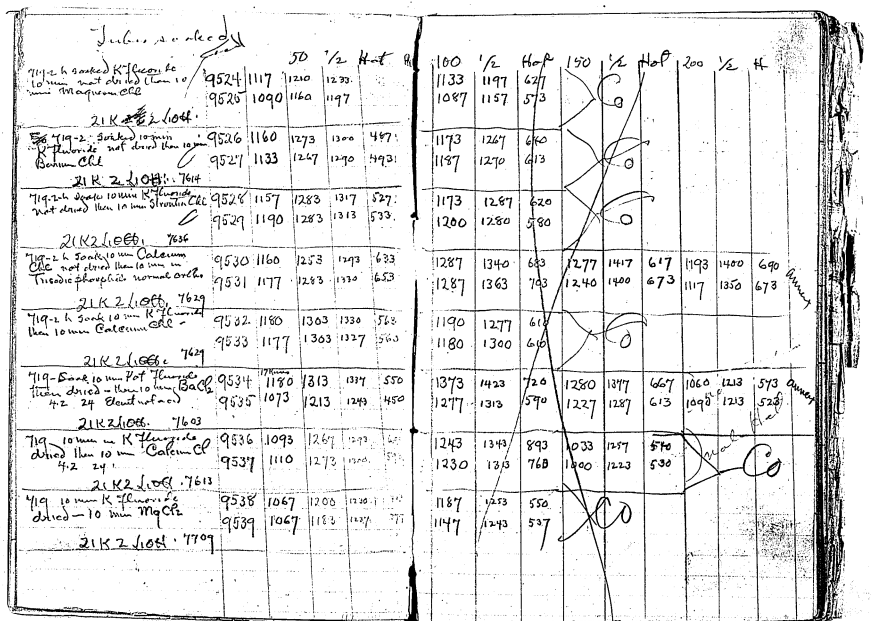
Heat/Ice Notes annex


acc 6 Rings
Ra 718 Sample No 9 previously
Blank not main flake
6 Rings 4.2 24.1
21K
Deep 9443
21K 2 Loose
Ra 926
spa Blank not main)
6 Rings
21K
Deep 9447
21K 2 Loose.
previously 16 of 4. 23.9
RA 718 6 Rings -
21K
Deep 9500
21K 2 Loose.
RA 719-2 h obsian Heating glass
flake - Castor oil 1: 400 Tube 4pm
20 min - 4.2 Blank not main 23.8
21K
Deep 9504
21K2 Loose -
Core
Main flake
Core
Core
Bad flake
Core
Core

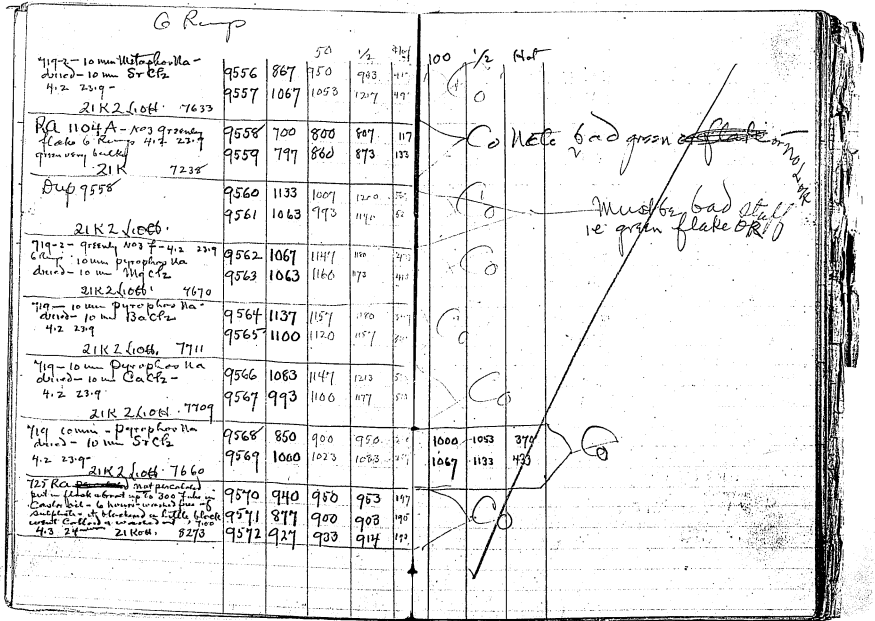


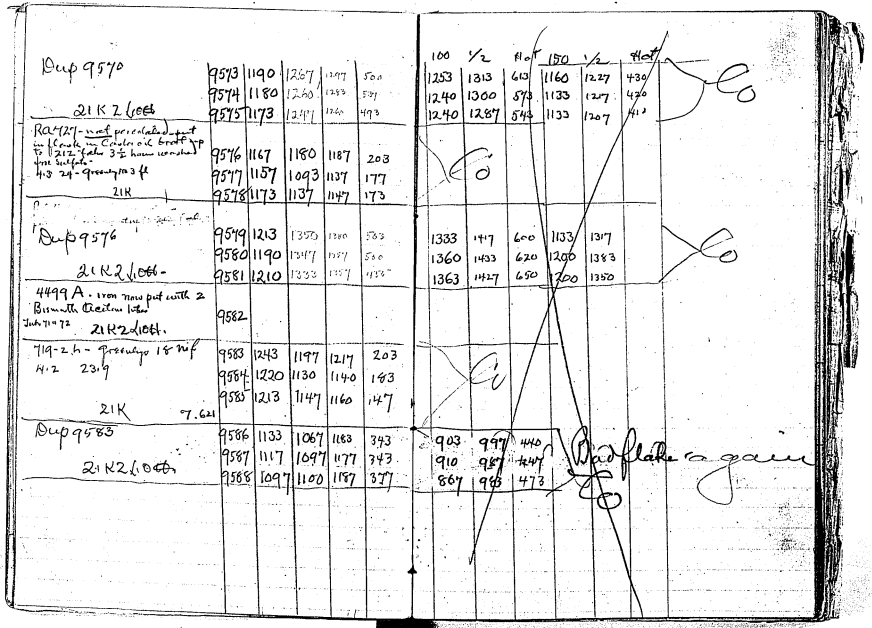
6 Ranges

		50	½	Half	100	½	Half	150	½	Half
719-2-hr Heated in Carbon oil to 450 Fahr 20 minutes — 4-2 Element 24-2	9508	1093	1157	1167	203	1057	1063	277		
	9509	1047	1080	1083	180	980	983	258	0	
21K 7084										
Dup 9508	9510	1093	1250	1263	420	1240	1287	593	1207	1347	680
	9511	1053	1210	1227	413	1183	1237	613	1177	1280	663
21K 84 2 Loh											
719-2 hr Heated in Kendex Carbon oil 212 Fahr ½ min 4-2 Element not used 24 —	9512	1167	1167	1163	173	1030	1033	253			
	9513	1183	1143	1150	170	1060	1063	243	0		
21K 7479											
Dup 9512	9514	1130	1267	1300	433	1223	1293	600	1103	1263	633
	9515	1130	1253	1277	430	1213	1297	587	1090	1263	616
21K 2 1.060 —											
719-24 Heated in Kendex Carbon oil 300 Fahr 20 minutes 4-2 Element 22.8	9516	1123	1107	1117	147	967	973	237			
	9517	1187	1143	1150	147	1053	1057	250	0		
21K											
Dup 9516	9518	1167	1273	1300	463	1233	1330	650	1050	1300	603
	9519	1167	1287	1310	527	1173	1293	677	920	1140	547
21K 2 1.060 —											
Soaked 10 mins Cal Carb (Tube) must shook — then soaked 5 min Methylene, treated with Thorin — H2O then KOH 4-2 24 Amp 719 — 21K 2 1.060 7407	9520	1183	1287	1323	583	1267	1363	743	1097	1307	617
	9521	1173	1293	1340	560	1293	1373	773	1163	1387	610
Dup Soaked Ca Cl 10 min must shook — then soak 10 min Diethyl phosphate then washed H2O 1 min 21K 2 1.060 Tube Smoke	9522	1150	1310	1363	587	1240	1333	763	1050	1283	603
	9523	1173	1317	1347	537	1260	1373	753	1173	1383	616



		30	1/2	Hot	100	1/2	Hot	150	1/2	Hot	200	1/2	Hot
719-2 h — 10 mm K Phosph. dried — 10 mm Strontn Chl. 4:2 23-9 — 21K2L10H 7710	9540	1107	1217	1250	333	1260	1343	577	1133	1240	437		
	9541	1133	1247	1257	347	1260	1387	650	1143	1257	493		
719-2 h · 10 mm Trisodic Phosphate Int gel normal set up dried — 10 mm soak 10 mm $SrCl_2$ 4:2 23:9 — 21K2L10H. 7716	9542	1227	1240	1267	467	1237	1293	533	1250	1307	570		
	9543	1253	1287	1333	470	1283	1347	573	1277	1347	550		
719-2 h 10 mm Trisodic phos water normal - dried — 10 mm $CaCl_2$ 4:2 23:9 — 21K2L10H 7721	9544	973	1117 X	1183	507								
	9545	1000	1160 X	1220	433								
719 — 10 mm Trisodic phos water normal dried — 10 mm $MgCl_2$ 4:2 23:9 — 21K2L10H. 7751	9546	987	1103	1130	327								
	9547	973	1083	1113	300								
719 10 mm Trisodic phos water normal dried — 10 mm $BaCl_2$ 4:2 23:9 — 21K2L10H. 7710	9548	1230	1247	1293	403	1273	1307	580	1327	1370	590	1267	1353	600
	9549	1233	1280	1307	427	1297	1333	563	1307	1363	540	1240	1313	567
719 10 mm Metaphosphoric Soda dried — 10 mm $BaCl_2$ 4:2 23:9 — 21K2L10H. 7699	9550	1217	1243	1247	473	1233	1290	543	1250	1303	527	1183	1267	583
	9551	1177	1177	1210	547	1213	1267	587	1233	1303	557	1167	1293	570
719 — 10 mm Metaphosphoric dried — 10 mm $MgCl_2$ 4:2 23:9 — 21K2L10H 7683	9552	817	977	1007	263								
	9553	860	1030	1053	283								
719 10 mm Metaphosphoric dried — 10 mm $CaCl_2$ 4:2 23:9 — 21K2L10H. 7694	9554	893	1087 X	1133	417								
	9555	877	1043 X	1093	440								


G Rep
50
½
100
½
Mat
Mucor bad
Mucor bad
21K2 (10 Feb)
21K2 (10 Feb) 7633
21K2 (10 Feb) 7670
21K2 (10 Feb) 7711
21K2 (10 Feb) 7709
21K2 (10 Feb) 7660
21K2 (10 Feb) 8273



Dup 9570

21K 2 106b

Rat 127 - most precipitated out in flask in Cooler oil bath up to 212 for 3½ hours somewhat fine sulfide.
H.2 29 - greenish 3 ft

21K

Dup 9576

21K 2 106 -

4499 A - iron mass put with 2 Bismuth Electron Inst
July 7 + 72

21K 2 106b.

7/9 - 2 h - Precipitate 15 ml
H.2 23.9

21K 7.621

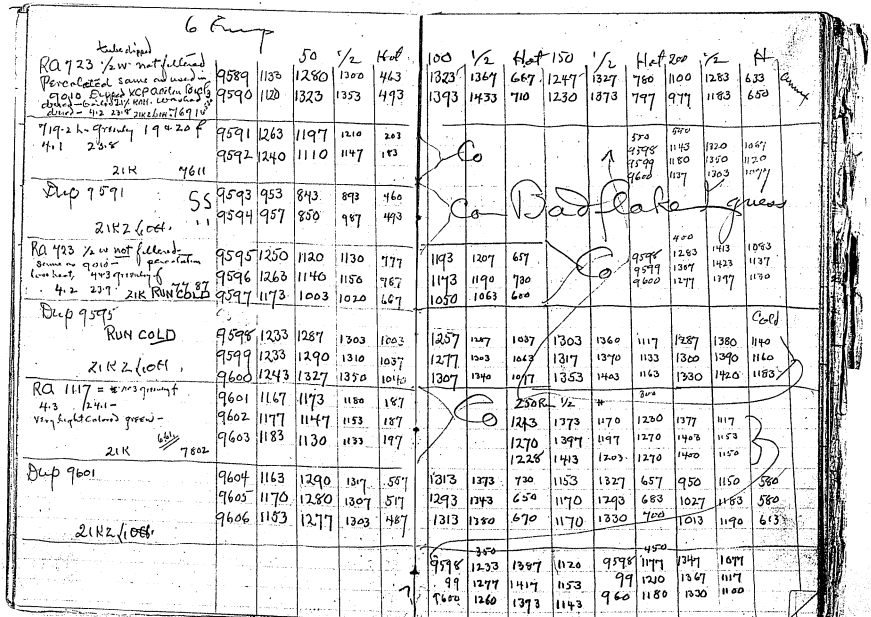
Dup 9585

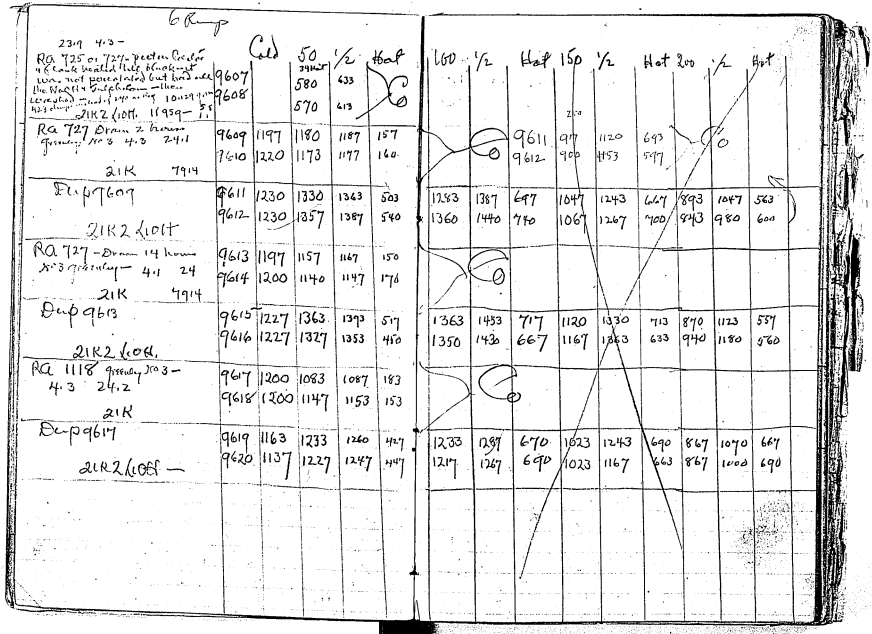
21K 2 106b

9573	1190	1267	1197	500	
9574	1180	1260	1193	507	
9575	1173	1241	1240	493	
9576	1167	1180	1187	203	
9577	1157	1093	1137	177	
9578	1173	1137	1147	173	
9579	1213	1350	1280	583	
9580	1190	1347	1287	580	
9581	1210	1333	1317	437	
9582					
9583	1243	1197	1217	203	
9584	1220	1130	1140	183	
9585	1213	1147	1160	147	
9586	1133	1067	1183	343	
9587	1117	1097	1177	343	
9588	1097	1100	1187	337	

100	½	Plat	150	½	Plat
1253	1313	613	1160	1227	430
1240	1300	573	1133	1227	420
1240	1287	544	1133	1207	413
1333	1417	600	1133	1317	
1360	1433	620	1200	1383	
1363	1427	650	1200	1350	
903	997	440			
910	987	447			
867	988	473			

Big flake again


6 Temp
Co
Co
Bad plate
guess
Co
Cold

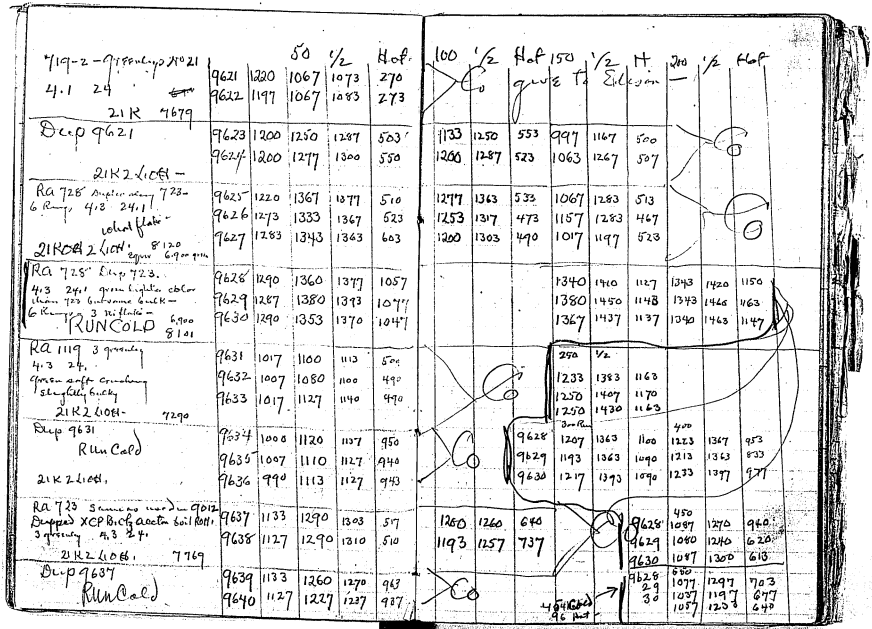


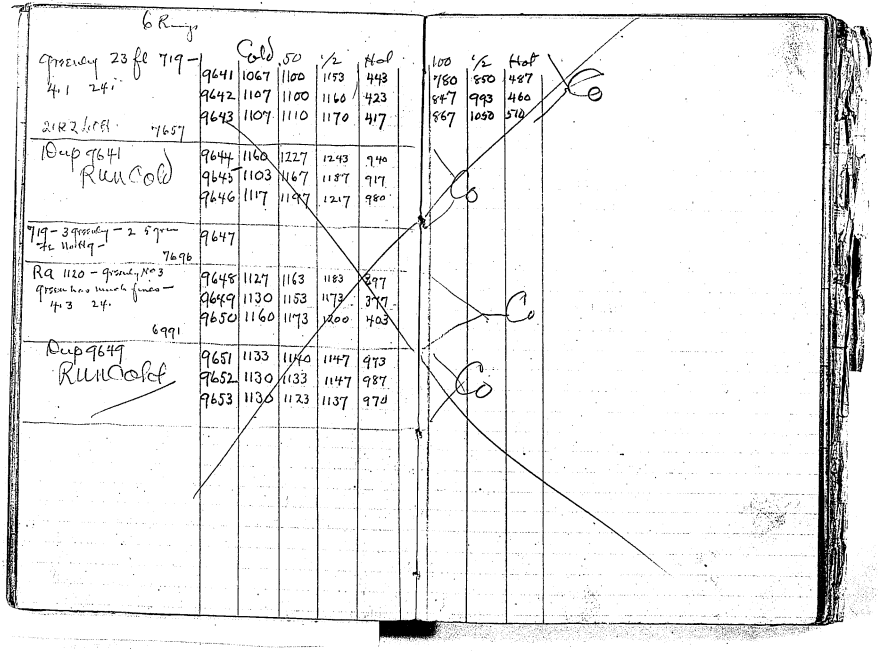
6 Rep

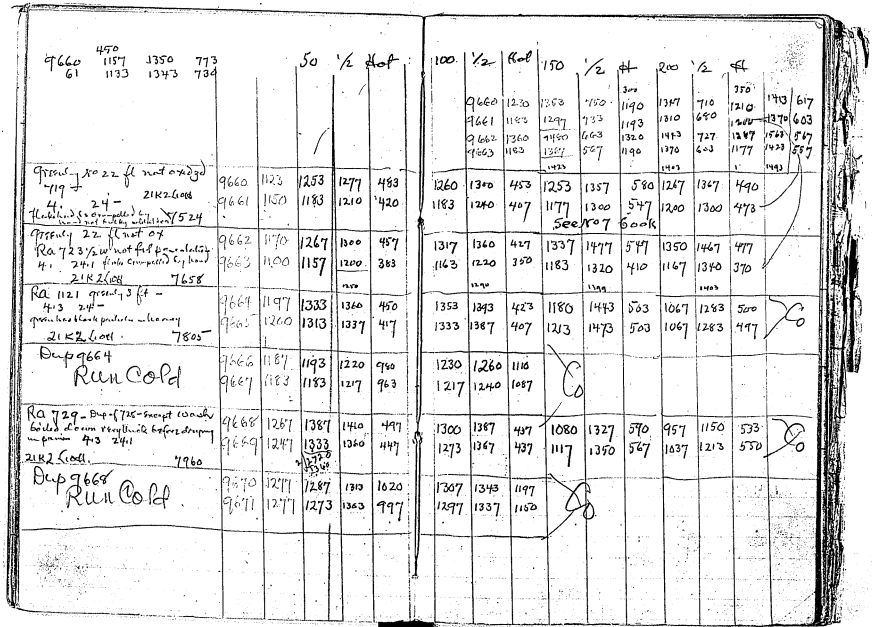
2319 4:3 –

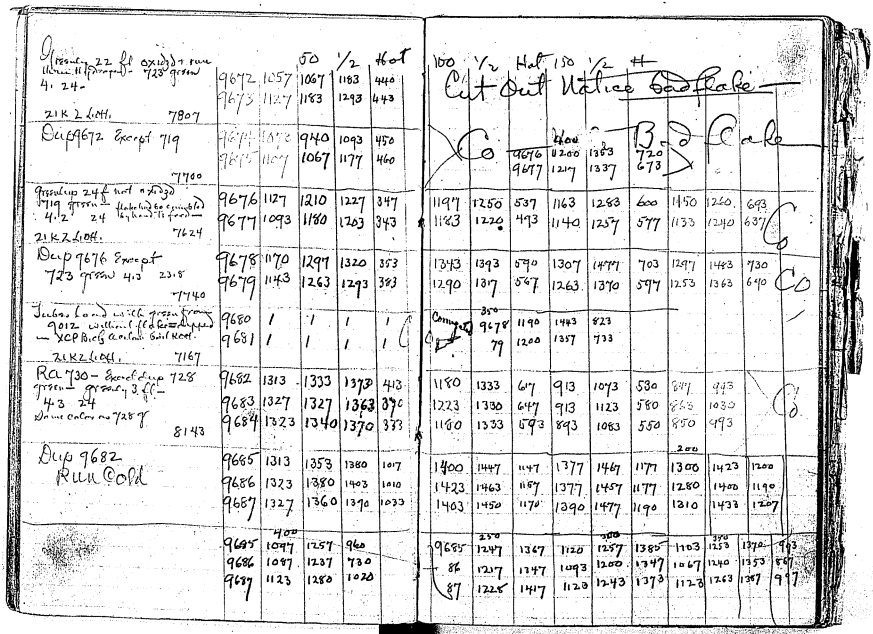
RQ 725 or 727 – Western Electric 46 Cable Printed Wire, Right-angle wire, not terminated, but bundled with the Red 14 Brightness wire. Reversed – matching wire 10439 with 433 change – 21K2 Loft 11959 – 55

	Cold	50	½	Heat	150	½	Heat	150	½	Heat	200	½	Heat
	9607	580	633										
	9608	570	613										
RQ 727 Drum 2 hours Yesterday No 3 4:3 24.1	9609	1197	1180	1187	157								
	9610	1220	1173	1177	160								
21K 7914													
Dup 9609	9611	1230	1330	1343	503	1253	1387	697	1047	1243	647	893	1047	563
	9612	1230	1357	1387	540	1360	1440	770	1067	1267	700	943	980	600
21K2 Loft														
RQ 727 – Drum 14 hours No 3 Yesterday – 4:1 24	9613	1197	1157	1147	150									
	9614	1200	1140	1147	176									
21K 7914														
Dup 9613	9615	1227	1363	1393	517	1363	1453	717	1120	1330	713	890	1123	557
	9616	1227	1327	1353	480	1350	1430	667	1167	1263	633	940	1180	580
21K2 Loft														
RQ 1118 Yesterday No 3 – 4:3 24.2	9617	1200	1083	1087	183									
	9618	1200	1147	1153	153									
21K														
Dup 9617	9619	1163	1233	1260	427	1233	1287	670	1023	1243	690	867	1070	667
	9620	1137	1227	1247	447	1217	1267	690	1023	1167	663	867	1000	690
21K2 Loft –														



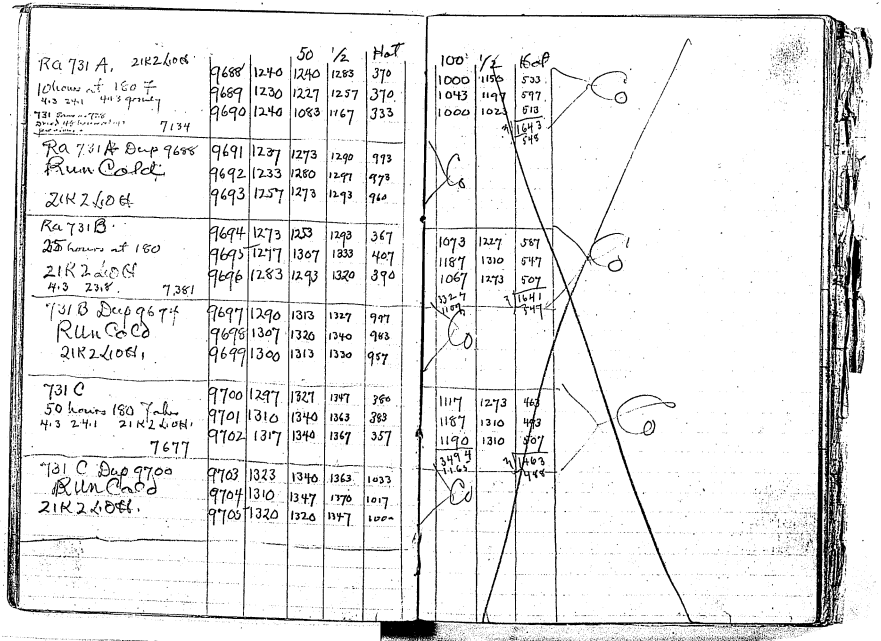

6 Rings
Cold
50
½
Hot
100
½
Hot
Greenway 23 fl 719 –
4:1 24.
9641 1067 1100 1153 443
9642 1107 1100 1160 423
9643 1107 1110 1170 417
7657
1780 850 487
847 993 460
867 1050 570
2 HR 2 hrs fl.
Dup 7641
Run Cold
9644 1160 1227 1243 940
9645 1103 1167 1187 917
9646 1117 1197 1217 980
719 – 3 greenway – 2 grn
fl Hubbly –
7696
9647
Ra 1120 – greenway No 3
grain has much grass –
4:3 24.
9648 1127 1163 1183 897
9649 1130 1153 1173 877
9650 1160 1193 1200 903
6991
Dup 7649
Run Cold
9651 1133 1140 1147 973
9652 1130 1133 1147 987
9653 1130 1123 1137 970

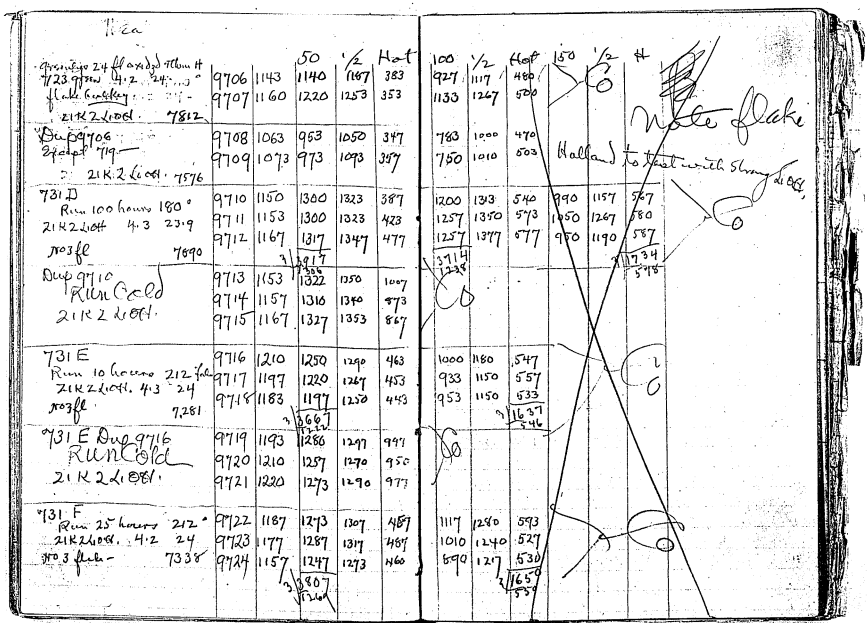




			50	1/2	Hot
Ra 731 A. 21K2606	9688	1240	1240	1283	370
10 hours at 180 ✓	9689	1230	1227	1257	370
4:3 2:41 4:3 grams	9690	1240	1083	1167	333
731 Same as 706					
2nd 48 hour run					
7134					
Ra 731 A Dup 9688	9691	1237	1273	1290	993
Run Cold.	9692	1233	1280	1297	993
21K2606	9693	1257	1273	1293	960
Ra 731 B.	9694	1273	1253	1293	367
25 hours at 180	9695	1277	1307	1333	407
21K2606	9696	1283	1293	1320	390
4:3 23:8. 7381					
731 B Dup 9694	9697	1290	1313	1327	997
Run Cold	9698	1307	1326	1340	983
21K2606	9699	1300	1313	1330	957
731 C	9700	1297	1327	1347	380
50 hours 180 Tube	9701	1310	1340	1363	383
4:3 2:41 21K2606	9702	1317	1340	1367	357
7677					
731 C Dup 9700	9703	1323	1340	1363	1033
Run Cold	9704	1310	1347	1370	1017
21K2606	9705	1320	1326	1347	1000

100	1/2	Hot
1000	1150	533
1043	1197	597
1000	1023	613
		1643
		549
1073	1227	587
1187	1310	547
1067	1273	507
3324		1641
1107		547
1117	1273	463
1187	1310	443
1190	1310	507
3494		1463
1162		488

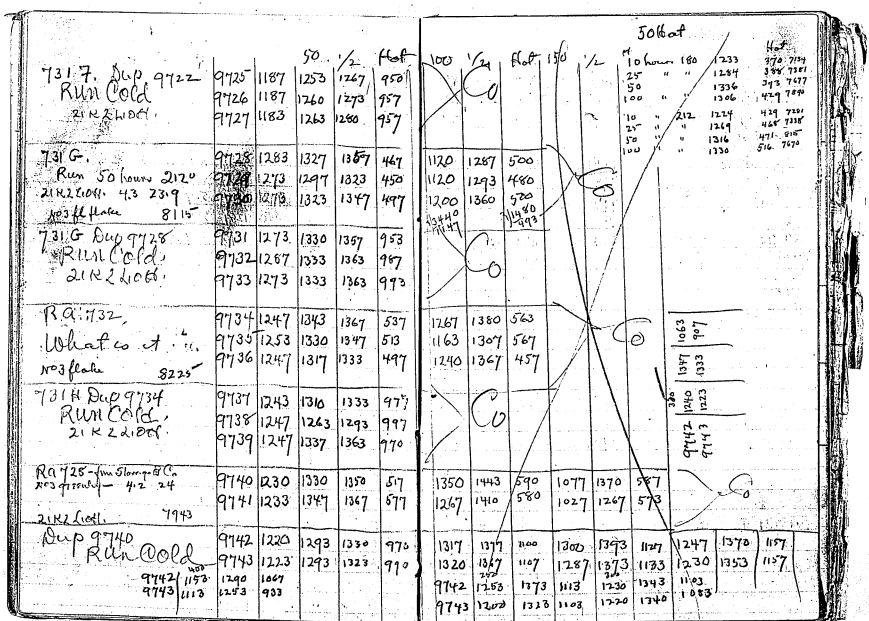


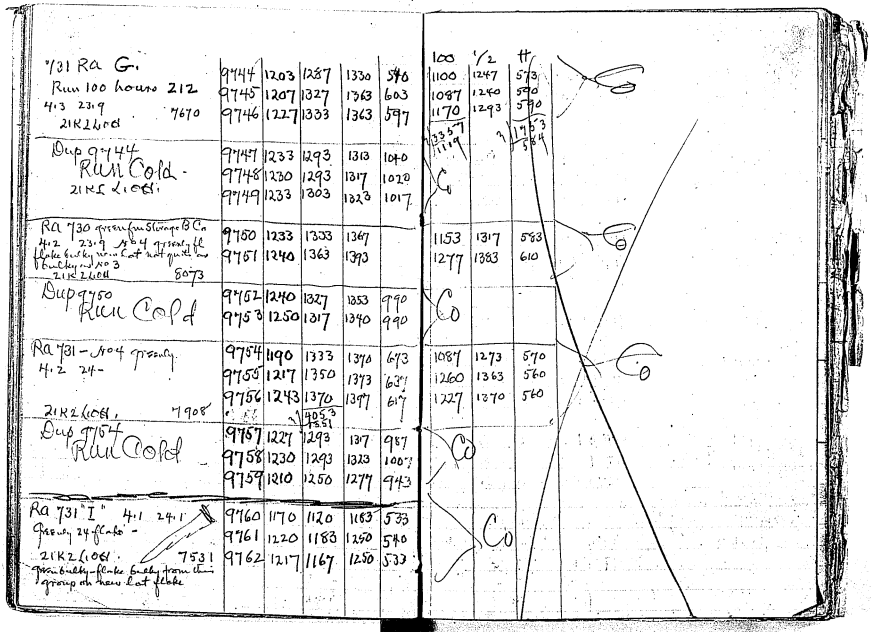


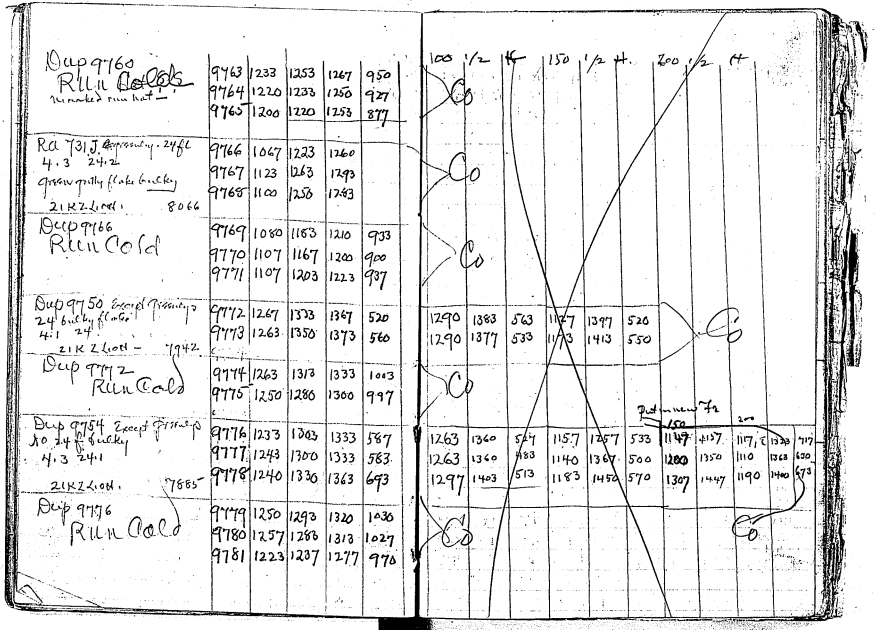
Tea

			50	½	Hat		½	Hat	150	½	#
Growing 24 flakes 70cm H						100					
723 grow 4.2 24	9706	1143	1140	1187	383	927	1117	480			
flake Cuckley	9707	1160	1220	1253	353	1133	1247	506			
21K 24 hrs. 7812											
Dup 9706	9708	1063	953	1050	347	783	1000	470			
24 hrs 719	9709	1073	973	1093	357	750	1010	503	Hallam		to test with Shuy 21 KK
21K 24 hrs. 7576											
731D	9710	1150	1300	1323	387	1200	1313	540	990	1157	567
Run 100 hours 180°	9711	1153	1300	1323	423	1257	1350	573	1050	1267	580
21K 24 hrs 4.3 23.9	9712	1167	1317	1347	477	1257	1377	577	950	1190	587
no 3 fl 7890		3	3917			3714				3	1734
			3334			1238					5918
Dup 9710	9713	1153	1322	1350	1007						
Run Cold	9714	1157	1316	1340	973						
21K 24 hrs.	9715	1167	1327	1353	867						
731E	9716	1210	1250	1290	463	1000	1180	547			
Run 10 hours 212 flakes	9717	1197	1220	1267	453	933	1150	557			
21K 24 hrs. 4.3 24	9718	1183	1197	1258	443	953	1150	533			
no 3 fl 7,281		3	3600				3	1637			
			3720					546			
731E Dup 9716	9719	1193	1286	1297	997						
Run Cold	9720	1210	1257	1270	950						
21K 24 hrs.	9721	1220	1273	1290	977						
731 F	9722	1187	1273	1307	487	1117	1240	593			
Run 25 hours 212°	9723	1177	1287	1317	487	1010	1240	527			
21K 24 hrs. 4.2 24	9724	1157	1247	1273	460	890	1217	530			
no 3 flakes 7338		3	3807				3	1650			
			3720					550			

Note flake

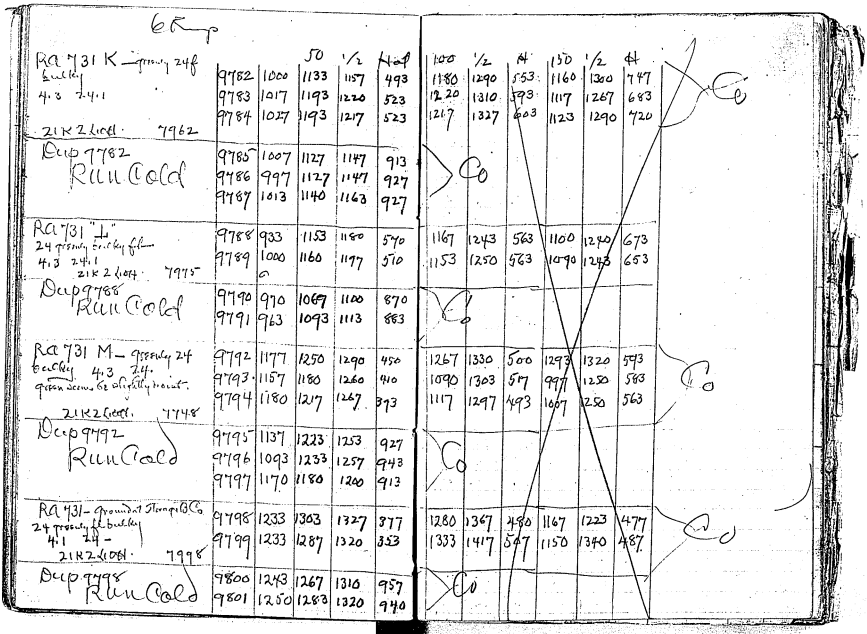

50 ½ Hot
731 7. Dup 9722
Run Cold
21K2L06F.
9725 1187 1253 1247 950
9726 1187 1260 1273 957
9727 1183 1263 1260 957
731G.
Run 50 hours 212°
21K2L06H. 43 23:9
No3 ff flake 8115
9728 1283 1327 1367 467
9729 1273 1297 1323 450
9730 1278 1323 1347 497
731G Dup 9728
Run Cold.
21K2L06G.
9731 1273 1330 1367 953
9732 1267 1333 1363 987
9733 1273 1333 1363 993
RA 732.
What co et ...
No3 flake 8225
9734 1247 1343 1367 537
9735 1253 1330 1347 513
9736 1247 1317 1333 497
731H Dup 9734
Run Cold.
21K2L06F.
9737 1243 1316 1333 977
9738 1247 1263 1293 997
9739 1247 1337 1363 970
RA 728 - from Stamp & Co
No3 flake only - 4:2 24
9740 1230 1330 1350 517
9741 1233 1347 1367 577
21K2L06H. 7943
Dup 9740
Run Cold
9742 1220 1293 1330 970
9743 1223 1293 1323 990
9742 1153 1290 1067
9743 1113 1293 933
100 ½ Hot 150 ½ Hot
1120 1287 500
1120 1293 480
1200 1360 580
1340 1440
1449 1493
1267 1380 563
1163 1307 567
1240 1367 457
1317 1377 1200 1302 1393 1127
1320 1367 1107 1287 1373 1133
9742 1253 1273 1113 1230 1343
9743 1202 1313 1103 1220 1340
50 hot
10 hours 180 1233
25 " " 1284
50 " " 1336
100 " " 1306
10 " " 212 1224
25 " " 1269
50 " " 1316
100 " " 1336
Hot
9720 7739
398 7287
393 7477
429 7499
439 7291
468 7338
471 9115
516 7470
1247 1370 1157
1230 1353 1157
1063
907
1397
1333
1240
1223
9742
9743





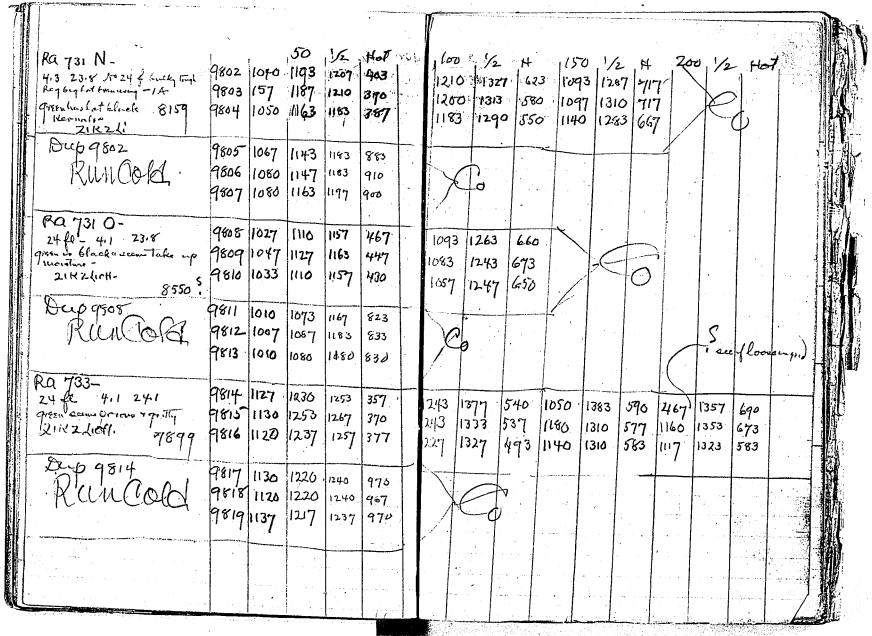
Dup 9760 Run Cold (Trimmed run last)	9763	1233	1253	1267	950
	9764	1220	1233	1250	927
	9765	1200	1220	1258	877
Ra 731 J Expressway · 24ft 4.3 24.2 Grassy gully flanks bucky 21K2 Lion 8066	9766	1067	1223	1260	
	9767	1123	1263	1293	
	9768	1100	1258	1283	
Dup 9766 Run Cold	9769	1080	1183	1210	933
	9770	1107	1167	1200	900
	9771	1107	1203	1223	937
Dup 9750 Except Trimming 24 bucky flanks 4.1 24 21K 2 Lion – 7942	9772	1267	1333	1367	520
	9773	1263	1350	1373	560
Dup 9772 Run Cold	9774	1263	1313	1333	1003
	9775	1250	1286	1300	997
Dup 9754 Except Trimming to 24 ft bucky 4.3 24.1 21K2 Lion 7885	9776	1233	1303	1333	587
	9777	1243	1300	1333	583
	9778	1240	1330	1363	693
Dup 9776 Run Cold	9779	1250	1293	1320	1030
	9780	1257	1283	1313	1027
	9781	1223	1287	1277	970

1290	1383	563	1167	1397	520							
1290	1377	533	1173	1413	550							
1263	1360	547	1157	1267	533	1147	1157	1117	1330	717		
1263	1360	783	1140	1367	500	1200	1350	1110	1368	600		
1297	1403	513	1183	1452	570	1307	1447	1190	1440	673		



6 Rep

		50	½	Half	100	½	All	150	½	All
RA 731 K — growing 24 hrs in buckley 4:3 24:1	9782	1000	1133	1157	493	1180	1290	563	1160	1380	787
	9783	1017	1193	1220	523	1220	1310	593	1117	1267	683
	9784	1027	1193	1217	523	1217	1327	603	1123	1290	720
21K2 Lloyd 7962											
Dup 9782 Run Cold	9785	1007	1127	1147	913						
	9786	997	1127	1147	927						
	9787	1013	1140	1163	927						
RA 731 "L" 24 growing in buckley 4:3 24:1 21K2 Lloyd 7995	9788	933	1153	1180	570	1167	1243	563	1100	1240	673
	9789	1000	1160	1177	570	1153	1250	563	1090	1243	653
Dup 9788 Run Cold	9790	970	1067	1100	870						
	9791	963	1093	1113	883						
RA 731 M — growing 24 hrs in buckley 4:3 24 green seems to slightly heavier 21K2 Lloyd 7998	9792	1177	1250	1290	450	1267	1330	500	1293	1320	593
	9793	1157	1180	1260	410	1090	1303	507	997	1250	583
	9794	1180	1217	1267	393	1117	1297	493	1067	1250	563
Dup 9792 Run Cold	9795	1137	1223	1253	927						
	9796	1093	1233	1257	948						
	9797	1170	1180	1200	913						
RA 731 — Groundnut Stump BCo 24 growing in buckley 4:1 24 — 21K2 Lloyd 7998	9798	1233	1303	1327	877	1280	1367	480	1167	1223	1477
	9799	1233	1287	1320	353	1333	1417	547	1150	1340	487
Dup 9798 Run Cold	9800	1243	1267	1310	957						
	9801	1250	1283	1320	940						



Ra 731 N-
4.3 23.8 Ts 24 & Lucky Strike Reg by Lot Economy - 1A
Greenhouse Lot Check Reservation 8159
2 1K 2 Ldl

	50	½	Hot
9802	1090	1193	1287	903
9803	157	1187	1210	870
9804	1050	1163	1183	887

Dup 9802
Run Cold

9805	1067	1143	1183	883
9806	1080	1147	1183	910
9807	1080	1163	1197	900

Ra 731 O-
24 fb - 4.1 23.8
green in Black + cream Take up Inventory -
2 1K 2 Ldl H- 8550 S

9808	1027	1110	1157	467
9809	1047	1127	1163	447
9810	1033	1110	1157	430

Dup 9808
Run Cold

9811	1010	1093	1167	823
9812	1007	1067	1183	833
9813	1010	1080	1180	830

Ra 733-
24 fb 4.1 24.1
green cream Orchid + Yellow
2 1K 2 Ldl. 8899

9814	1127	1230	1253	357
9815	1130	1253	1267	370
9816	1120	1237	1257	377

Dup 9814
Run Cold

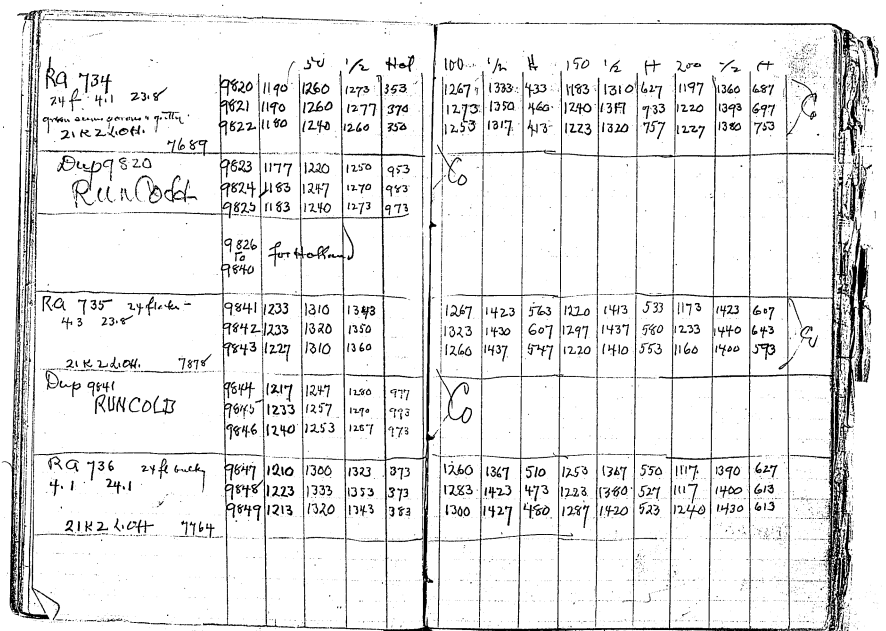
9817	1130	1220	1240	970
9818	1120	1220	1240	967
9819	1137	1217	1237	970

100	½	H	150	½	H	200	½	Hot
1210	1327	623	1093	1287	717			
1200	1313	580	1097	1310	717			
1183	1290	550	1140	1283	667			

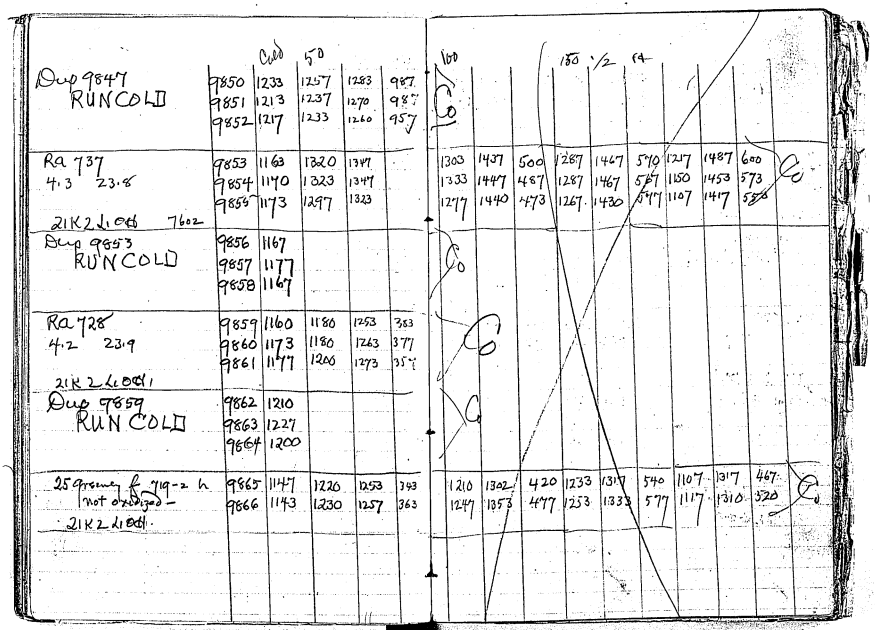
1093	1263	660
1093	1243	673
1057	1247	650

243	1377	540	1050	1383	590	467	1357	690
243	1333	537	1180	1310	577	1160	1353	673
227	1327	493	1140	1310	583	1117	1323	583

S see floorman p.1



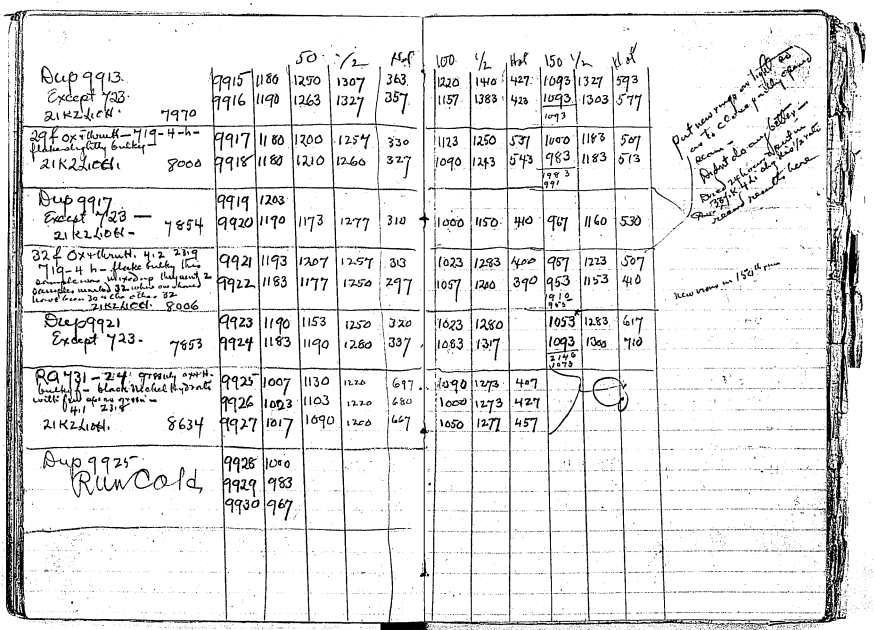
			5/8	1/2	Half	100	1/2	H	150	1/2	H	200	1/2	H
RA 734 24 ft 4.1 23.8 green acorn garrow 7 7th 21K2.10H. 7689	9820	1190	1260	1273	353	1267	1333	433	1183	1310	627	1197	1360	687
	9821	1190	1260	1277	370	1273	1350	460	1240	1317	733	1220	1393	697
	9822	1180	1240	1260	358	1253	1317	413	1223	1320	757	1227	1380	753
Dup 9820 RUNCOLD	9823	1177	1220	1250	953									
	9824	1183	1247	1270	983									
	9825	1183	1240	1273	973									
	9826 to 9840	for Hoffman												
RA 735 24 flinch - 4.3 23.8 21K2.10H. 7878	9841	1233	1310	1348		1267	1423	563	1220	1413	533	1173	1423	607
	9842	1233	1320	1350		1323	1430	607	1297	1437	580	1233	1440	643
	9843	1227	1310	1360		1266	1437	547	1220	1410	553	1166	1400	593
Dup 9841 RUNCOLD	9844	1217	1247	1290	977									
	9845	1233	1257	1290	993									
	9846	1240	1253	1287	973									
RA 736 24 ft inch 4.1 24.1 21K2.10H 7964	9847	1210	1300	1323	373	1260	1367	510	1253	1367	550	1117	1390	627
	9848	1223	1333	1353	373	1283	1423	473	1223	1360	527	1117	1400	613
	9849	1213	1320	1343	383	1300	1427	480	1287	1420	523	1240	1430	613



			50	1/2	Hot		100	1/2	41	150	1/2	42				
Dup 9865																
Except 723 4.3 24.	9867	1183	1227	1253	3571		1280	1370	387	1297	1410	567	1150	1440	487	
	9868	1167	1230	1263	367		1280	1380	393	1297	1417	520	1233	1410	463	
21K2 40H. 7498											See	NO 7	book	Commingle		
27 N.f consolidated limestone, very cavernous 719-2 hrs. Not oxidized-	9869	1160	1197	1227	360		1210	1287	433	1217	1293	513	1170	1267	420	
4. 23.8	9870	1160	1207	1233	367		1233	1300	500	1247	1320	543	1170	1397	300	
21K2 40H																
Dup 9869 flake not ox	9871	1130	1160	1200	317		1240	1333	460	1250	1347	467	1267	1410	610	See Book
Except 723 —	9872	1160	1180	1217	297		1260	1347	463	1250	1357	457	1260	1393	500	7
21K2 40H. 7461																
38 flake-bedby 719-2 h-	9873	1117	1177	1200	280		1210	1283	557	1217	1320	503	1200	1367	560	
4.2 23.8 flake not ox	9874	1127	1177	1200	320		1210	1290	523	1180	1300	530	1167	1323	490	
21K2 40H 7706																
Dup 9873	9875	1163	1213	1237			1267	1390	470	1293	1397	527	1280	1450	533	
Except 723 — flake not ox	9876	1133	1160	1197			1217	1307	400	1233	1313	450	1213	1363	473	
21K2 40H. 7463-5																
26 flake-bedby Not ox — 719-2h	9877	1050	1133	1153	333		1213	1297	327	1233	1337	393	1213	1413	543	
4.3 23.8	9878	1060	1103	1133	313		1163	1243	460	1183	1247	567	1167	1283	450	
21K2 40H - 7517																
Dup 9877 not oxidized	9879	1080	1133	1173	300		1220	1297	293	1200	1290	540	1213	1317	397	
Except 23 green. 7857	9880	1100	1157	1200	320		1213	1317	403	1250	1357	627	1260	1400	470	
21K2 40H																
28 flake Not ox exc 719-2 h	9881	1147	1183	1220	373		1230	1320	437	1267	1337	650	1243	1343	533	
4.2 23.8 — Viruses of Cavity	9882	1153	1183	1220	377		1223	1317	447	1237	1320	663	1213	1353	543	
heavy Leaves oxidized Hopewellian																
Except = thin calcite flake from the																
Mound (Green Crystal Vein) Hopewell																
Back of the Superior wood clean																
for Glass Bowl, Pipes, Adobe ST.																
Sample of from Bluff on the																
bank OX Thumbnail —																
21K2 40H. 7541																

			50	½		100	½	FT	150	½	ft	200	½	Hrf	
Drip 9881 f not ox	9883	1207	1230	1273	337	1300	1380	370	1290	1380	560	1260	1400	517	Answer
Except 723	9884	1197	1237	1283	360	1280	1317	333	1267	1383	470	1177	1437	467	
21K2 40H 7755			1237			1289			2 2535 1379			2 2393 1379			
29 flake broken not oxdzd 7/19 2 h – 4.2 23.8 21K2 40H. 7561	9885	1093	1187	1223	430	1233	1313	397	1213	1283	487	1200	1323		
	9886	1067	1150	1187	427	1183	1293	363	11880	1267	507	1187	1300		
			1144			1305			2 2393 1396			2 2357 1343			
Drip 9885 Not oxdzd f.	9887	1143	1233	1283	400	1300	1407	333	1347	1427	533	1333	1487	523	
Except 723	9888	1153	1310	1357	527	1410	1507	417	1450	1540	663	1390	1650	657	
21K2 40H 7796			1271			1355									
30 flake not oxdzd – 4.4 23.8 7/19 2 h – 21K2 40H. 7573	9889	1120	1200	1247	457	1260	1357	350	1230	1333	583	1200	1400	540	
	9890	1130	1210	1247	390	1223	1357	363	1250	1360	630	1213	1423	560	
			1205			1211									
Drip 9889 Not oxf. Except 723 21K2 40H. 7810	9891	1137													
	9892	1157	1270	1317	380	1333	1440	417	1410	1480	687	1420	1540	603	
32 f not oxdzd 7/19 2 h 4.2 23.8 21K2 40H. 7565	9893	1163	1240	1283	390	1303	1417	490	1330	1410	803	1380	1510	700	
	9894	1160	1217	1260	357	1280	1377	510	1307	1393	813	1317	1457	550	
			1224			1291									
Drip 9893 Not ox Except 723 21K2 40H. 7796	9895	1141	1280	1327	367	1380	1467	520	1200	1420	350	1330	1520	507	
	9896	1160	1283	1323	390	1417	1487	500	1260	1400	313	1360	1500	473	
			1281			1334									
34 f. broken not oxdzd 4.4 23.8 7/19 21K2 40H. 7530	9897	1110	1163	1203	353	1223	1323	476	1190	1300	393	1197	1347	537	
	9898	1090	1157	1197	367	1223	1313	440	1190	1360	423	1200	1357	500	
			1160			1293									

			50	½		100	½	4th	150	½	4th	200	½	Hoff
Dup 9897 not ox	9899	1100	1210	1240	377	1290	1387	433	1260	1400	447	1290	1437	497
Except 723- 7830	9900	1100	1190	1243	360	1267	1377	387	1223	1400	473	1300	1467	523
21K2 ½ 06 ℓ.														
36 ℓ not oxidized - bulky - 719 - 2 h - N.1 2318 -	9901	1160	1227	1273	363	1253	1397	405	1233	1400	533	1260	1430	503
21K2 ½ 06 ℓ. 7590	9902	1153	1203	1253	347	1227	1363	373	1167	1350	510	1187	1390	500
			1205											
Dup 9901 - not ox	9903	1147	1257	1300	340	1303	1413	360	1267	1430	527	1290	1500	520
Except 723														
21K2 ½ 06 ℓ - 7879	9904	1107	1197	1256	320	1240	1357	353	1253	1383	517	1290	1443	530
26 ℓ oxygen + chem Hydrogen bulky - 719 - 2 W -	9905	1130	1207	1260	373	1167	1357	440	1190	1357	623	1227	1397	560
4.3 23.8.									1133			1167		
21K2 ½ 06 ℓ. 7494	9906	1117	1180	1213	350	1200	1303	417	2325 2161	1287	540	2397 1197	1327	483
Dup 9905	9907	1167	1253	1300	323	1253	1393	363	1187	1400	590	1197	1427	
Except 723 -	9908	1157	1257	1303	373	1238	1393	313	1200	1423	580	1240	1490	
21K2 ½ 06 ℓ. 7959									2387 1193			2437 1219		
24 ℓ bulky Ox + chem Hydrogen - 719 - 4 hours drain -	9909	1133	1173	1217	330	1167	1287	363	1097	1287	477			
4.3 23.9	9910	1167	1223	1277	363	1210	1383	443	1167	1373	577			
21K2 ½ 06 ℓ. 8043									2264 1132					
Dup 9909	9911	1147	1220	1273	370	1267	1390	380	1200	1383	453	1197	1413	467
Except 723. 7989	9912	1160	1233	1283	363	1307	1413	460	1200	1480	547	1217	1440	477
21K2 ½ 06 ℓ.									1200			2417 1207		
28 ℓ bulky Ox + Chem Hydrogen Slightly bulky - 719 - 4 h - 2319	9913	1180	1237	1280	337	1227	1353	460	1033	1260	503			
21K2 ½ 06 ℓ. 8081	9914	1173	1250	1293	383	1237	1377	437	1117	1273	523			
									2150 1076					



Dup 9913.
Except 723.
21K2Lic61. 7970

9915 1180 1250 1307 363
9916 1190 1263 1327 357

1220 1140 427
1157 1383 428

1093 1327 593
1093 1303 577
1093

29 f Oxytetracyclin-HCl-719-4-h-flake activity buckly
21K2Lic61. 8000

9917 1180 1200 1254 330
9918 1180 1210 1260 327

1123 1250 537
1090 1243 543

1080 1183 507
983 1183 513
993
997

Dup 9917
Except 723 —
21K2Lic61 - 7854

9919 1203
9920 1190 1173 1277 310

1000 1150 410

967 1160 530

32 f Oxytetracyclin. 4:2 239 719-4 h - flake buckly (two samples were stopped out by equipment 2 samples marked 32 which we have) have been 30 which also 32
21K2Lic61. 8006

9921 1193 1207 1257 313
9922 1183 1177 1250 297

1023 1283 400
1057 1200 390

957 1223 507
953 1153 410
919
920

Dup 9921
Except 723.
7853

9923 1190 1153 1250 320
9924 1183 1190 1280 337

1023 1280
1083 1317

1053 1283 617
1093 1300 710
1076
1079

RA 731-24 greenish opaque buckly - black-Nickel Hydrate with fluff specs green
21K2Lic61. 8634

9925 1007 1130 1220 697
9926 1023 1103 1220 680
9927 1017 1090 1200 667

1090 1273 407
1000 1273 427
1050 1277 457

Dup 9925
Run Cold.

9928 1000
9929 983
9930 967

Put new trays on light so as to cool quickly spread
Adjust slide on Gatling gun
Bring 29f, 719, 4h, 21K2 up to room temp before use

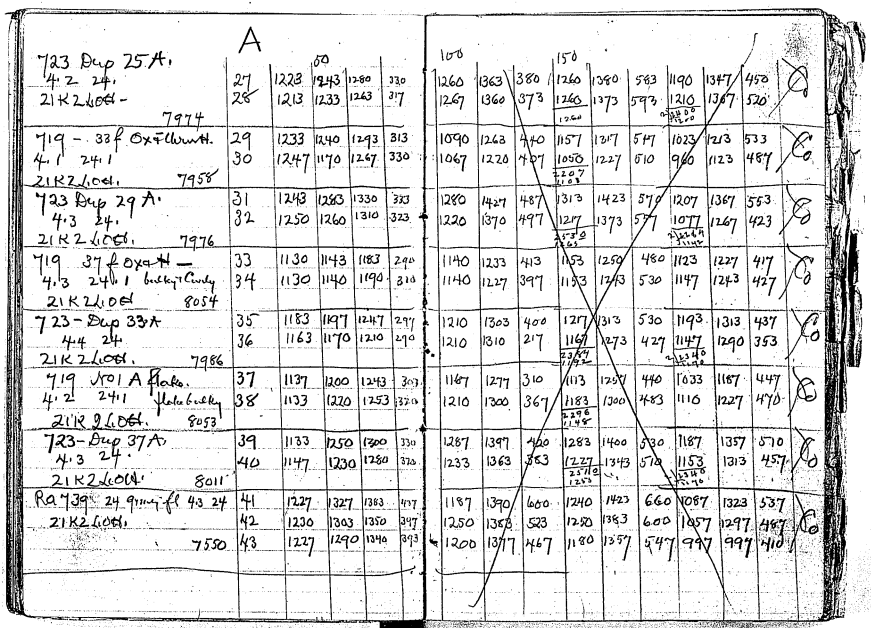
New trays on 150th run

				50			100	1/2	#	150	1/2	N	200	1/2	Wal				
35f not ox- 723 grn flake chalky 4. 24- 21K2Lioth. 7782	9931	1153	1297	1367	473		1267	1410	387	1267	1427	567	1287	1453	440				
	9932	1123	1250	1327	433		1227	1307	350	1183	1370	580	1173 (1460 1230)	1400	470				
Dup 9931 719-4 h- 4.3 24.2 21K2Lioth. 7944	9933	1087	1173	1260	410		1110	1290	377	1060	1283	510							
	9934	1107	1220	1317	477		1180	1360	410	1110	1373	533							
37f boulky clayey Chalky- 719-4-h Not ox 4.3 24.2 21K2Lioth. 7914	9935	1133	1227	1317	497		1197	1423	453	1163	1397	527	1200	1400	480				
	9936	1123	1207	1303	460		1160	1373	440	1133	1370	513	1173	1397	480				
Dup 9935 723 grtrw 7923	9937	1077	1187	1270	427		1197	1313	393	1133	1327	463							
	9938	1067	1180	1277	347		1150	1317	310	1093	1317	417							
38f bulky- 719-4 h- 4.2 24.1 21K2Lioth. 8069	9939	1093	1187	1287	353		1160	1310	363	1090	1313	457							
	9940	1077	1180	1260	430		1163	1300	377	1100	1300	480							
Dup 9939 723 grtrw 21K2Lioth. 7888	9941	1153	1297	1377	430		1307	1487	417	1263	1446	517	1257	1473	447				
	9942	1153	1273	1367	357		1247	1403	407	1183	1393	420	1273 (1540 1240)	1400	403				
39f not ox 719-4-h- 4.2 24.1 21K2Lioth. 7979	9943	1150	1253	1330	340		1213	1360	333	1127	1323	423	1123	1247	367				
	9944	1157	1213	1310	320		1193	1340	400	1163	1330	493	1107	1247	340				
Dup 9943 Except 723 grtrw 7872 21K2Lioth.	9945	1173	1307	1380	367		1320	1443	407	1267	1427	547	1223	1400	350				
	9946	1153	1283	1367	327		1303	1443	410	1220	1443	510	1160 (2283 1191)	1367	333				

6 Rings

		Cold	50	½	Hot	100	½	H	150	½	H	200	½	H
40 f not ox – 719-4-h 4.3 24.1 – grade in st – 21K26C61. 8058	9947	1177	1263	1333	353	1250	1370	417	1183	1317	433	1253	1350	540
	9948	1157	1297	1360	350	1290	1390	470	1233	1380	513	1280	1380	483
												2533 / 1266		
Dup 9947 Except 723 Green 21K26C61	9949	1163	1303	1367	343	1307	1423	477	1333	1450	610	1337	1447	507
	9950	1143	1307	1377	350	1333	1430	503	1370	1490	707	1400	1500	500
	7984											2737 / 1369		
Numbers after this are all A. Starting from Numbers –						3	1180	1397	603	1223	1433	530		
						4	1287	1450	630	1317	1478	520		
						11	1053	1230	657					
719 – Dup – 5 A	1	1143	1243	1323	283	1213	1340	487	1223	1327	587	1133	1283	390
3A – nif not ox – Flesh Grey 7881	2	1183	1253	1327	313	1240	1367	507	1267	1347	610	1143	1283	398
723-4-h-41 nif not ox 4.2 24.1 21K26C61. 7996 7881	3	1103	1223	1303	303	1233	1357	510	1260	1360	623	1230	1390	400
	4	1147	1300	1377	333	1323	1433	560	1350	1437	607	1333	1440	490
719-4-h-42 f not ox – 4.4 24.1 Curley Grey 21K26C61 7956	5	1050	1103	1177	303	1097	1193	457	1093	1200	510	1080	1210	420
	6	1037	1090	1153	287	1093	1170	550	1093	1167	450	1077	1180	373
723 – Dup 5A. 21K26C61 7892	7	1053	1133	1277	230	1117	1223	403	1133	1230	480	1133	1243	450
	8	1060	1133	1223	293	1133	1247	410	1160	1263	457	1177	1293	400
719 – 30 Flesh Ox + Thumb 4.1 24.1 Flesh Grey 21K26C61 8065	9	1207	1263	1333	347	1177	1363	367	1160	1316	577	993	1143	533
	10	1223	1243	1333	313	1063	1307	473	1133 / 2293 / 1146	1293	643	990	1163	587
											554			

flakey hard H bubbled thru H 504 probably bad		A	Cold	50	1/2	H	100	1/2	H	140	1/2	H			
723 - Dup 9 A -	11		1223	1300	1377	320	1327	1440	557	1310	1410	743	1253	1410	650
4. 24 -	12		1210	1293	1380	323	1410	1513	653	1387	1500	917			
21K2 Lodi. 8052										2497 1348					
719-H 4- 32 flake	13		1210	1300	1363	353	1290	1413	557	1260	1370	643	1047	233	523
oxH thru H —	14		1193	1287	1347	363	1250	1380	623	1213	1380	653	1433	1227	523
4.3 24.1										2473 1236			2480 1240		
21K2 Lodi 8155															
723 Dup 13 A.	15		1190	1287	1387	340	1257	1397	563	1213	1370	617	1073	1230	520
4.3 24.	16		1230	1400	1470	380	1330	1510	587	1260	1437	710	993	1233	567
21K2 Lodi 7996										2473 1235			2486 1243		
719-4 4- 34 ff oxH	17		1090	1167	1227	270	1153	1243	370	1165	1263	557	1153	1267	460
thru H - 4.2 24.1	18		1067	1157	1217	300	1157	1243	340	1180	1267	500	1167	1260	393
21K2 Lodi 7966										2473 1176			2520 1260		
723 - Dup A. 17	19		1090	1197	1260	293	1200	1300	367	1220	1307	550	1213	1333	443
4.4 24.	20		1047	1130	1197	263	1103	1210	397	1183	1233	460	1167	1270	300
21K2 Lodi. 7916										2473 1176			2520 1260		
719- 35 ff oxH thru H.	21		1063	1197	1250	237	1173	1263	493	1183	1267	463	1167	1260	437
4.1 24.1	22		1063	1153	1223	320	1163	1243	617	1157	1263	567	1150	1267	437
21K2 Lodi. 7963										2470 1170					
723 Dup 21 A.	23		1040	1153	1223	287	1163	1263	473	1157	1260	477	1150	1280	403
4.3 24.	24		1057	1167	1240	280	1187	1277	447	1260	1293	470	1197	1307	443
21K2 Lodi. 7886										2503 1178			2543 1269		
719-36 ff oxH thru H.	25		1200	1267	1287	227	1210	1280	290	1183	1317	543	1123	1260	487
4.3 24.1	26		1200	1223	1250	303	1210	1307	397	1230	1333	620	1063	1267	527
21K2 Lodi 8081										2413 1206					



A

		60				100			150					
723 Dup 25A, 4.2 24, 21K2L06L- 7974	27	1223	1243	1280	330	1260	1363	380	1260	1380	583	1190	1347	458
	28	1213	1233	1263	317	1247	1360	373	1260	1373	573	1210	1367	520
719 - 33f Oxf Hunt. 4.1 24.1 21K2L06L. 7958	29	1233	1240	1293	313	1090	1263	440	1157	1217	547	1023	1213	533
	30	1247	1170	1267	330	1067	1220	407	1050	1227	510	940	1123	487
723 Dup 29A. 4.3 24. 21K2L06L. 7976	31	1243	1283	1330	383	1280	1427	487	1313	1423	570	1207	1367	553
	32	1250	1260	1310	323	1220	1370	497	1227	1373	577	1077	1267	423
719 37f Oxf H — 4.3 24.1 Buckingham 21K2L06L 8054	33	1130	1143	1183	290	1140	1233	413	1153	1250	480	1123	1227	417
	34	1130	1140	1190	310	1140	1227	397	1153	1243	530	1147	1243	427
723 - Dup 33A 4.4 24 21K2L06L. 7986	35	1183	1197	1247	297	1210	1303	400	1217	1313	530	1193	1313	437
	36	1163	1170	1210	270	1210	1310	217	1169	1273	427	1147	1290	353
719 No1 A Flake. 4.2 24.1 Hollobully 21K2L06L. 8053	37	1137	1200	1243	303	1167	1277	310	1113	1257	440	1033	1187	447
	38	1133	1220	1253	320	1210	1300	367	1183	1300	483	1116	1227	470
723 - Dup 37A 4.3 24 21K2L06L. 8011	39	1133	1250	1300	330	1287	1397	400	1283	1400	530	1187	1357	510
	40	1147	1230	1280	320	1233	1363	363	1227	1343	513	1153	1313	457
Ra 739 24 grey ff 4.3 24 21K2L06L. 7550	41	1227	1327	1383	437	1187	1390	600	1240	1423	660	1087	1323	537
	42	1230	1303	1350	397	1250	1383	523	1250	1383	600	1857	1297	467
	43	1227	1290	1340	393	1200	1377	467	1180	1357	547	997	997	410

	A					
Dep 41 A. Run Cold	44	1217				
	45	1240				
21 RZ Cloth.	46	1243				
RA 745 24 grams	47	1237	1187	1367	407	
4.2 23.9	48	1240	1217	1367	417	
21 RZ Cloth Mucilage made up used same day	49	1223	1420	1453	447	
7544						
Dep 47 A. Run Cold	50	1253				
	51	1250				
21 RZ 4.	52	1233				
RA 742 dried deep grams 24 grams 6 cloth	53	1173	1323	1363	430	
4.3 24.2	54	1200	1350	1363	433	
21 RZ Cloth. 7695	55	1183	1330	1367	420	
Dep 53 A. Run Cold	56	1180				
	57	1187				
21 RZ 4'	58	1183				
Expmt 1 = X'4 1A. ox black 20 pancreas reduced by pumping 24 hrs through HZ504 gave light wet stuff - 4 hours standing 718 green	59	1183	1257	1300	413	
	60	1193	1287	1320	417	
	61	1200	1360	1400	450	
4.2 23.8 7557						

47 = used Reg having 7½ from 5 Bl. heifer

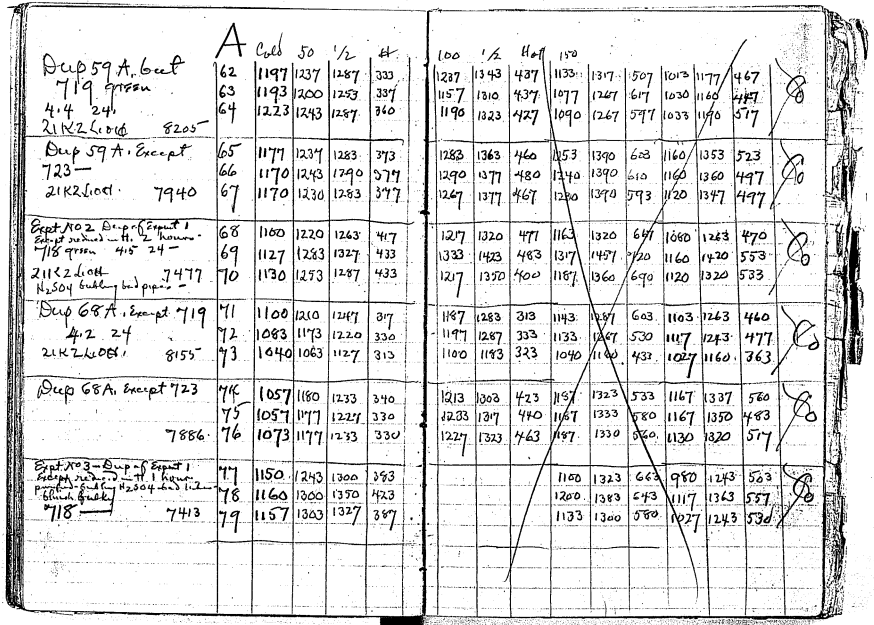
50

100 ½ Hrl

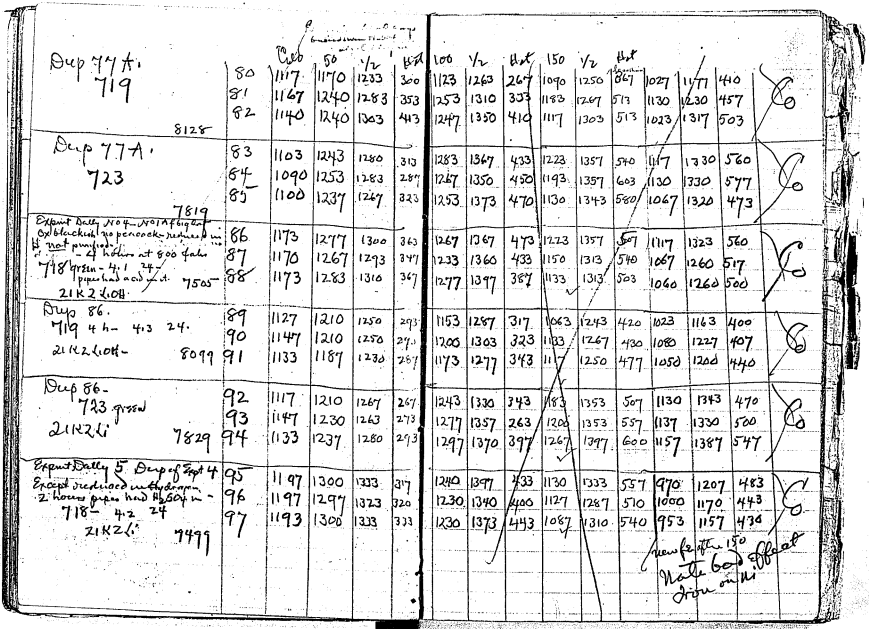
1307	1453	647	1153	1400	517	822	987	380	
1250	1393	503	1120	1333	537	887	1067	410	
1393	1500	530	1400	1513	647	1133	1400	490	
1303	1440	423	1280	1397	620	1083	1367	530	
1290	1363	327	1280	1400	607	1053	1347	533	
1250	1340	303	1300	1400	630	1150	1363	1150	
1250	1347	370	1190	1343	660	1053	1263	500	
1280	1383	410	1227	1377	703	1107	1283	447	
1357	1460	500	1290	1450	470	1120	1400	583	

1/37 07
1/12 36

Mean 7½ after mixt. of meals Reg



	A	Cold	50	½	H	100	½	Half	150					
Dup 59 A. beet	62	1197	1237	1287	333	1287	1343	437	1133	1317	507	1013	1177	467
719 green	63	1193	1200	1253	337	1157	1310	437	1077	1247	617	1030	1160	447
4:4 24	64	1223	1243	1287	340	1190	1323	427	1090	1267	597	1033	1190	577
21K2 Lioth 8205														
Dup 59 A. Except	65	1177	1237	1283	373	1283	1363	460	1253	1390	603	1160	1353	523
723	66	1170	1243	1290	379	1290	1377	480	1240	1390	610	1160	1360	497
21K2 Loch 7940	67	1170	1230	1283	377	1247	1377	467	1280	1390	593	1220	1347	497
Expt No 2 Dup of Expt 1	68	1160	1220	1263	417	1217	1320	471	1163	1320	647	1060	1263	470
718 green 4:5 24	69	1127	1283	1327	433	1333	1423	483	1317	1457	720	1160	1420	553
21K2 Loch 7477	70	1130	1253	1287	433	1217	1350	400	1187	1360	640	1120	1320	533
Dup 68A. Except 719	71	1100	1210	1247	317	1187	1283	313	1143	1287	603	1103	1243	460
4.2 24	72	1083	1173	1220	330	1197	1287	333	1133	1267	530	1117	1243	477
21K2 Loch 8155	73	1040	1063	1127	313	1100	1193	323	1040	1160	433	1027	1160	363
Dup 68A Except 723	74	1057	1180	1233	340	1213	1303	423	1197	1323	533	1167	1337	560
	75	1057	1177	1227	330	1233	1317	440	1167	1333	580	1167	1350	483
7886	76	1073	1177	1233	330	1227	1323	463	1187	1330	560	1130	1320	517
Expt No 3 - Dup of Expt 1	77	1150	1243	1300	393				1150	1323	663	980	1243	563
718 —	78	1160	1300	1350	423				1200	1383	643	1117	1363	557
7443	79	1157	1303	1327	387				1133	1300	580	1027	1243	530



Dup 77A.
719
8128

	Cub	50	1/2	Hot	100	1/2	Hot	150	1/2	Hot			
80	1117	1170	1233	300	1123	1263	267	1090	1250	867	1027	1171	440
81	1167	1240	1283	353	1253	1310	333	1183	1267	513	1130	1230	457
82	1140	1240	1303	443	1247	1350	410	1117	1303	513	1023	1317	503

Dup 77A.
723
7819

83	1103	1243	1280	313	1283	1367	433	1223	1357	540	1117	1330	560
84	1090	1253	1283	287	1267	1350	450	1193	1397	603	1130	1330	577
85	1100	1237	1247	323	1253	1373	470	1130	1343	580	1067	1320	473

Expect Daily 10 of NOT Figure
by blacksmith no peacocks required
if not purchased
4 hours at 800 Gals
718 green - 4:1 24
purchased acid
21K2 40H
7505

86	1173	1277	1300	363	1267	1367	473	1223	1357	567	1117	1323	560
87	1170	1267	1293	347	1233	1360	433	1150	1313	540	1067	1260	517
88	1173	1283	1310	367	1277	1377	387	1133	1313	503	1040	1260	500

Dup 86.
719 4 h- 43 24.
21K2 40H-
8099

89	1127	1210	1250	293	1153	1287	317	1063	1243	420	1023	1163	400
90	1147	1210	1250	270	1200	1303	323	1133	1267	430	1080	1227	407
91	1133	1187	1230	287	1173	1277	343	1117	1250	477	1050	1200	440

Dup 86-
723 green
21K2 40H
7829

92	1117	1210	1267	267	1243	1330	343	1183	1353	507	1130	1343	470
93	1147	1230	1263	273	1277	1357	263	1200	1353	557	1137	1330	580
94	1133	1237	1280	293	1297	1370	397	1267	1397	600	1157	1387	547

Expect Daily 5 Drop of Sept 4
Expect discolored water again -
2 hours green mud H2SO4 in -
718 42 24
21K2 40H
7499

95	1197	1300	1333	317	1240	1397	433	1130	1333	557	970	1207	483
96	1197	1297	1323	320	1230	1340	400	1127	1267	510	1000	1170	443
97	1193	1300	1333	333	1230	1373	443	1087	1310	540	953	1157	430

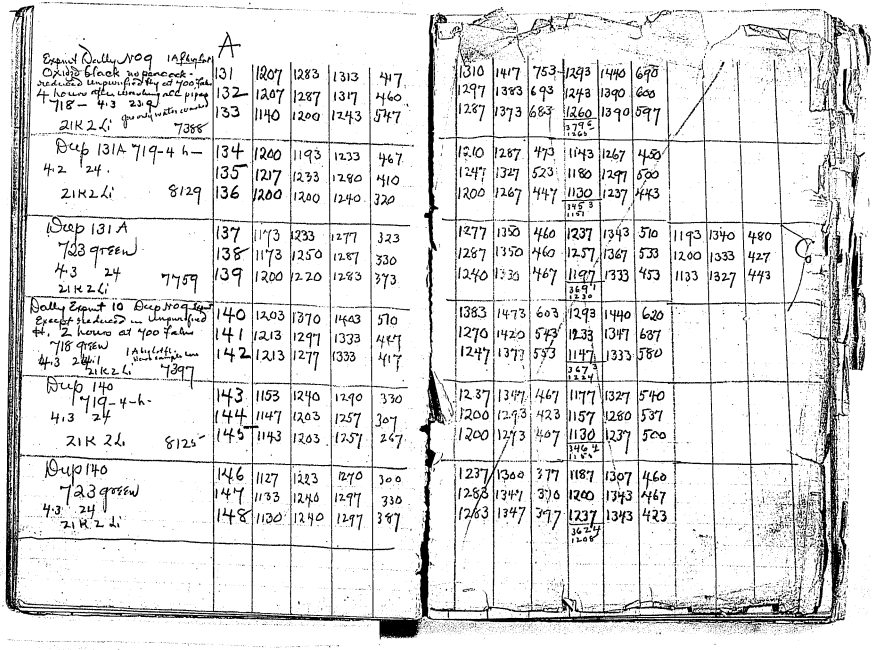
Increase after 150 offset
Make 60 on M
Drop on M

	A	Cold 50	½	H	100	½	H	150	½	Hot			
Dep 95 –													
719 4 h – 4.3 24	98	1183	1267	1293	270	1180	1300	367			1000	1133	420
	99	1183	1277	1303	253	1177	1317	340			1030	1183	477
21K24 8098	100	1180	1233	1287	247	1130	1207	313			1087	1293	453
Dep 95	101	1170	1297	1307	277	1370	1417	573	1370	1510	763	1217	1437	403
723 green 4.2 24	102	1180	1307	1330	277	1360	1403	580	1347	1430	733	1197	1403	453
21K24 7834	103	1167	1277	1303	283	1347	1370	493	1277	1380	623	1153	1320	437
Expert Body – NOT A big cut Hecker Okidyd block happened each side caused by slipping of Hydrogen at 800 Tabs 2 heavy after washing green fine + cast – sediment: 718 green 4.2 23.9 Bubbly 7400 21K24 Both.	104	1217	1290	1313	300	1273	1367	487	1193	1326	557			
	105	1197	1267	1293	297	1267	1350	517	1193	1313	563			
	106	1190	1263	1287	303	1273	1343	533	1193	1303	583			
Dep 104 A	107	1210	1233	1257	297	1260	1333	487	1193	1320				
719 – 4h – 4.2 24 –	108	1183	1230	1260	323	1223	1330	470	1163	1300				
21K24 068. 8167	109	1193	1233	1263	277	1230	1320	460	1133	1283				
Dep 104 A	110	1190	1260	1297	287	1317	1393	457	1223	1397	490	1187	1360	423
723 green	111	1187	1260	1300	310	1293	1377	460	1193	1330	470	1133	1310	440
4.2 24	112	1163	1230	1267	290	1293	1350	407	1210	1353	437	1217	1367	477
24K24 068 – 7898														

Difference in loads Dup 7 with 719 in
dish. To different loads Dup 7 brush Dup grass 8150
Thin Clay 7800 —

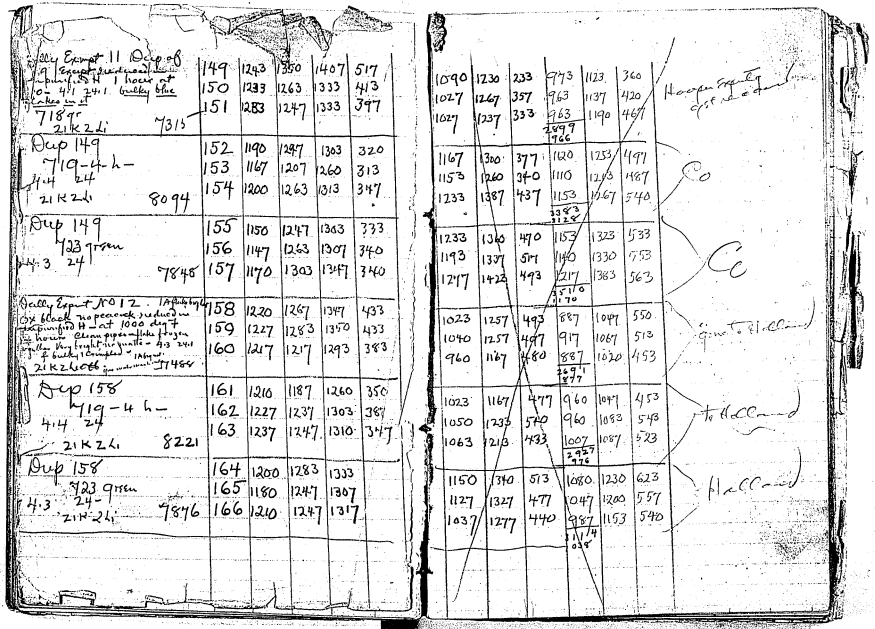
Expmt Daily-1907			50	½	H	
Except 4 hours in Hydrogen (unpurified) —	113	1210	1307	1350	350	
4. 23.9 of bucky — 718 green	114	1217	1330	1367	383	
21K2L60H. 7399	115	1223	1267	1330	387	
Dup 113 A.	116	1267	1250	1293	337	
719-4 h	117	1270	1257	1300	333	
4.3 24. 8210	118	1260	1237	1283	310	
21K2L						
Dup 113 A.	119	1233	1240	1283	343	
723 green	120	1260	1293	1330	340	
4. 24-						
21K2L 7579	121	1224	1267	1320	287	
Daily Expmt 8— Dup of 106 except 1 hour	122	1223	1320	1360	357	
718 4. 23.9	123	1200	1310	1353	377	
21K2L60H 7395	124	1210	1297	1333	357	
Dup 122	125	1240	1240	1287	343	
719-4 h.	126	1267	1287	1327	373	
4.3 24	127	1240	1246	1283	360	
21K2L 8124						
Dup 122	128	1213	1263	1310	413	
723 green	129	1207	1240	1283	350	
4.1 24- 7814	130	1207	1247	1307	333	

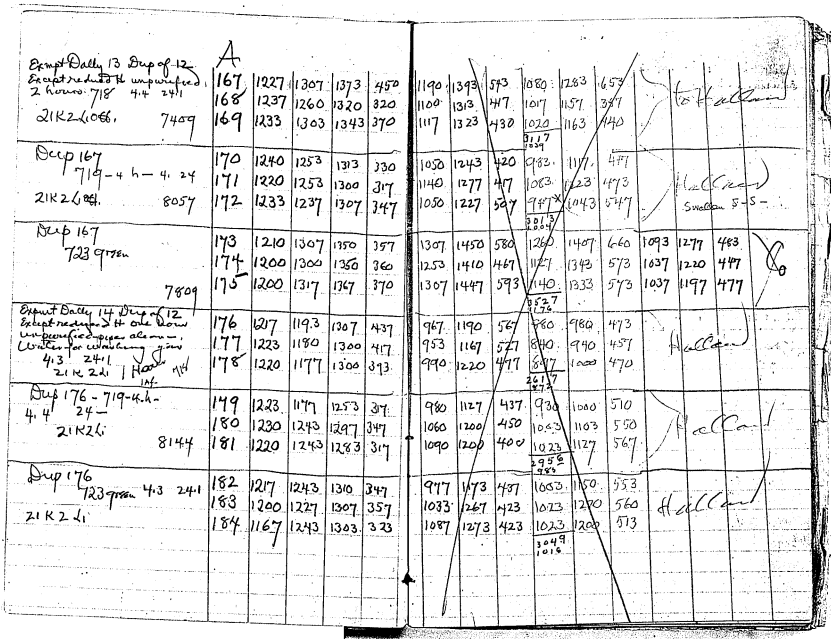
100	½	H	150	½	H			
1173	1350	493	1053	1223	470			
1213	1367	547	1077	1273	560			
1183	1317	563	1077	1250	557			
1200	1330	510	1100	1263	573			
1213	1307	490	1143	1247	523			
1213	1360	437	1120	1250	507			
1283	1357	453	1173	1317	507			
1313	1390	498	1170	1347	517			
1243	1357	457	1067	1280	480			
1290	1393	583	1180	1333	540			
1290	1390	513	1120	1290	547			
1290	1377	553	1190	1333	577			
1220	1307	485	1123	1253	513			
1297	1373	527	1200	1333	570			
1213	1303	547	1113	1267	483			
1317	1397	580	1253	1383	523	1237	1430	560
1286	1357	613	1213	1378	487	1197	1353	503
1327	1397	633	1237	1387	527	1217	1377	463



Exp. Daily Prod 1 Alkylation	A					
Oxide Black no pancake -	131	1207	1283	1313	447	
reduced unpumped 4 hrs at 400 Fahr	132	1207	1287	1317	460	
4 hours after circulated and piping	133	1140	1200	1243	547	
718 – 4.3 24 gal						
21K24 7388						
Dup 131A 719-4 h –	134	1200	1193	1233	467	
4.2 24.	135	1217	1233	1280	410	
21K24 8129	136	1200	1200	1240	320	
Dup 131 A	137	1173	1233	1277	323	
723 green	138	1173	1250	1287	330	
4.3 24	139	1200	1220	1283	373	
21K24 7759						
Daily Exp. 10 Dup No 9 last	140	1203	1370	1403	510	
Except sle reduced — unpumped	141	1213	1297	1333	447	
ht. 2 hours at 400 Fahr	142	1213	1277	1333	417	
718 green 1 Alkylation on						
4.3 24 gal sleeve						
21K24 7397						
Dup 140	143	1153	1240	1290	330	
719-4-h-	144	1147	1203	1257	307	
4.3 24	145	1143	1203	1257	267	
21K24 8125						
Dup 140	146	1127	1223	1270	300	
723 green	147	1133	1240	1297	330	
4.3 24	148	1130	1240	1297	387	
21K24						

1310	1417	753	1293	1446	693				
1297	1383	693	1248	1390	600				
1287	1373	683	1260	1390	597				
			1279						
			1265						
1210	1287	473	1143	1267	450				
1247	1327	523	1180	1297	500				
1200	1267	447	1130	1237	443				
			1155						
			1121						
1277	1350	460	1237	1343	510	1193	1340	480	
1287	1350	460	1257	1367	533	1200	1333	427	
1240	1333	467	1197	1333	453	1133	1327	443	
			1247						
			1230						
1383	1473	603	1293	1440	620				
1270	1420	543	1233	1347	687				
1247	1377	583	1147	1333	580				
			1273						
			1224						
1237	1347	467	1177	1327	540				
1200	1293	423	1157	1280	587				
1200	1273	407	1130	1237	500				
			1162						
			1145						
1237	1300	377	1187	1307	460				
1283	1347	376	1200	1343	467				
1263	1347	397	1237	1343	423				
			1227						
			1208						





Except Daily 13 Dup of 12
Except readings unwinged
2 hours 7/8 4.4 241
21K24068. 7409

A

167	1227	1307	1373	450
168	1237	1260	1320	820
169	1233	1303	1343	370

1190	1393	593	1080	1283	653
1100	1313	447	1017	1157	387
1117	1323	430	1020	1163	440

Dup 167
719-4 h- 4.24
21K24 8057

170	1240	1253	1313	330
171	1220	1253	1300	317
172	1233	1237	1307	347

1058	1243	420	982	1117	471
1140	1277	447	1063	1223	473
1050	1227	527	947	1043	547

Dup 167
723 green
7809

173	1210	1307	1350	357
174	1200	1300	1360	360
175	1200	1317	1367	370

1307	1450	580	1260	1407	660
1253	1410	467	1127	1343	573
1307	1447	593	1140	1333	573

1093	1277	483
1037	1220	447
1037	1197	477

Except Daily 14 Dup of 12
Except readings 2 H one down
unwinged open ale m—
Written for obtaining from
4.3 241
21K24 Hall

176	1217	1193	1307	437
177	1223	1180	1300	417
178	1220	1177	1300	393

967	1190	567	960	980	473
953	1167	527	880	990	457
990	1220	477	897	1000	470

Dup 176 - 719-4 h-
4.4 24-
21K24
8144

179	1233	1177	1253	397
180	1230	1243	1297	347
181	1220	1243	1283	317

980	1127	437	930	1000	510
1060	1200	450	1043	1103	550
1090	1200	400	1023	1127	567

Dup 176
723 green 4.3 241
21K24

182	1217	1243	1310	347
183	1200	1227	1307	357
184	1167	1243	1303	323

977	1173	497	1053	1150	553
1033	1267	423	1023	1200	560
1087	1273	423	1023	1207	573

Purified H—
Expt Date 15— 1 Aug 1967
Ox black no peacock-yeast dubos
6% purified H, Diagram ext 1000
pH 7.2 cleaned - 4 Hours
718— purified Mg++ Chromic mix 86
4.1 24 7424

Recorded How purified

	Cold	50	1/2	H
	185	1113	1167	1253	287
	186	1107	1227	1277	287
	187	1113	1233	1300	323

	100	1/2	H	150	1/2	H ext
	933	1190	580	1603	1200	640
	1057	1258	597	983	1173	573
	1043	1230	470	967	1150	583
				2953		
				984.3		

Hall and

Dup 185
719—
4.1 24 7971

188	1083	1110	1190	267
189	1100	1167	1240	303
190	1097	1200	1257	280

887	1033	370	890	990	390	
953	1040	343	890	963	417	
933	1083	337	917	990	347	
			2697			
			899			

Hall and

Dup 185
723
4.2 24.1 7695
297 Lower

191	1090	1230	1293	313
192	1093	1190	1277	300
193	1080	1223	1300	297

987	1187	347	940	1053	383	
950	1053	297	893	993	377	
987	1100	333	968	1060	400	
			2797			
			931			

Hall and

Expt 16 Daily Centrifuge Sheets
Officially deposited in Emmy 1968
Ox black no peacock
Dup 194 Dup 185 Dup 195 Dup 196
2 hours at 980 Tab
Tube were stuck together Compressed
Emmy 118
Solvent is in Emmy
Solvent is in Emmy
Emmy 118 Z1K22H-X 7688

194	1127	1327	1360	367
195	1133	1320	1343	357
196	1130	1343	1367	417

1260	1377	490	1167	1303	603	1107	1280	553
1277	1357	523	1210	1310	703	1133	1287	563
1320	1427	643	1307	1373	843	1210	1367	625
			1230?					

Dup 194
719 4.h.
4.1 24 7811
286 Z1K22i

197	1080	1287	1323	350
198	1097	1297	1337	363
199	1097	1290	1323	347

1353	1413	597	1293	1417	623	1163	1363	543
1350	1447	516	1243	1350	540	1150	1300	527
1327	1400	447	1233	1323	520	1133	1287	477
			3769					
			1289					

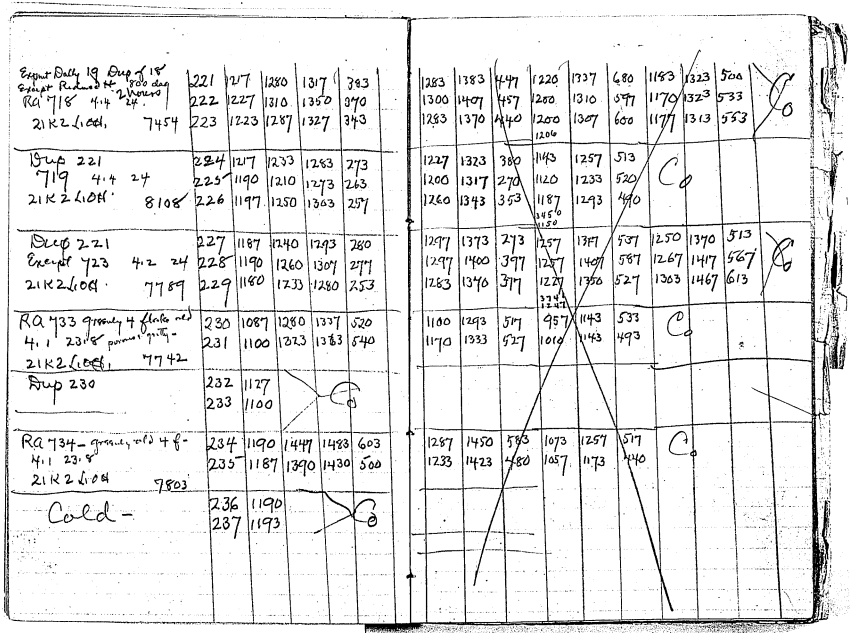
Dup 194
723
4.3 24.1 7724
299

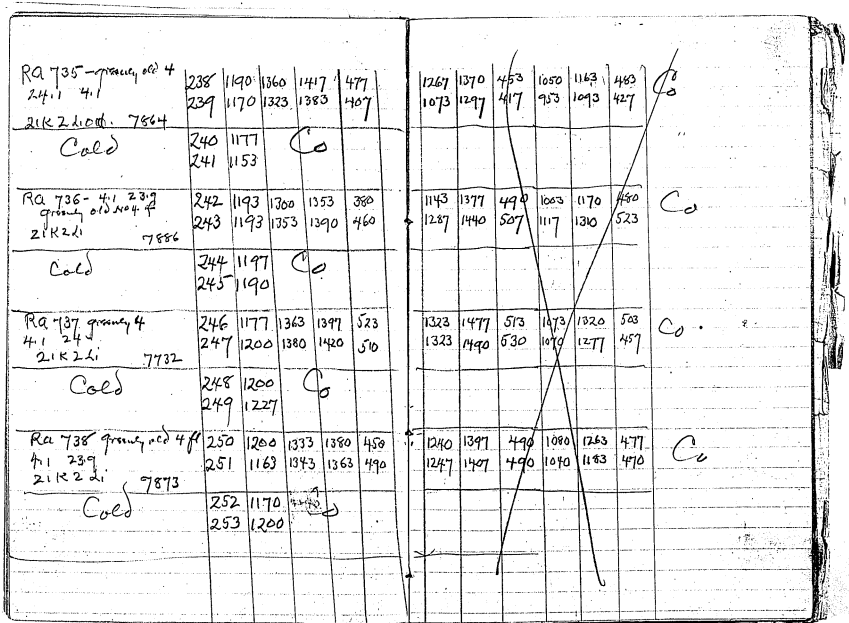
200	1057	1280	1323	
201	1050	1240	1323	
202	1033	1257	1300	

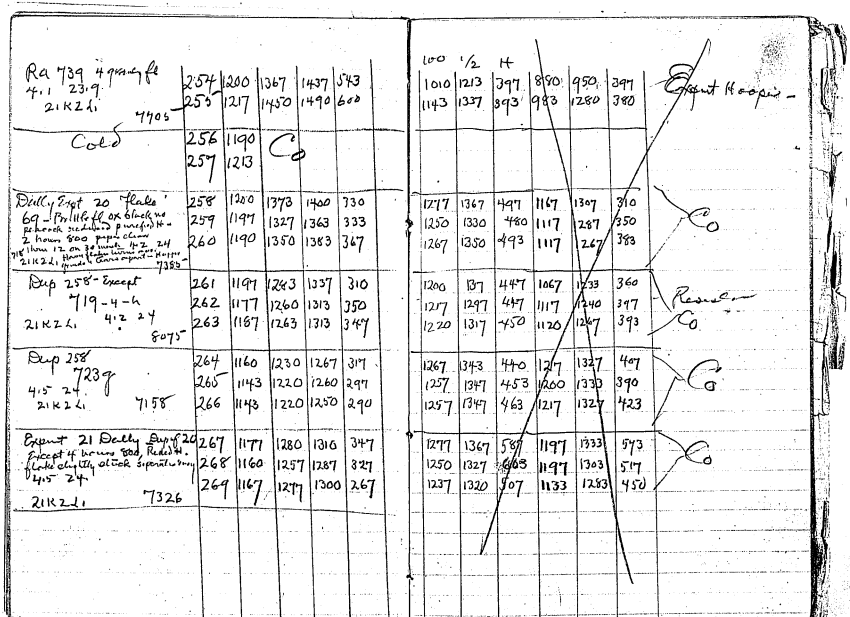
1333	1447	397	1280	1403	453	1210	1480	483
1343	1420	270	1257	1373	383	1150	1347	433
1300	1383	363	1253	1370	347	1210	1363	457
			3790					
			1263					

X Lower Row Tube would form
— + —

Daily Report 17 Dup of 16 but 4 hours off 725 718 — Flow of slightly cloudy water and some 21K2Li 7433		Cold					100		150						
	203	1130	1307	1330	373		1333	1400	430	1253	1333	443	1190	1313	497
	204	1127	1287	1317	357		1320	1403	423	1253	1343	497	1183	1327	533
	205	1123	1290	1323	343		1303	1383	483	1213	1320	557	1163	1303	547
										3749					
Dup 203 719 4 h 43 24 21K2Li 7803	206	1087	1273	1287	323		1280	1377	403	1190	1313	577	14 open for Export		
	207	1087	1257	1300	307		1257	1360	443	1127	1267	533			
	208	1097	1280	1313	330		1300	1380	517	1167	1297	530			
										3484 1161					
Dup 203 723 4h2 24:1 21K2Li 7799	209	1043	1257	1293	330		1310	1387	377	1243	1370	473	1213	1377	507
	210	1043	1280	1327	357		1317	1423	420	1253	1407	500	1230	1383	578
	211	1033	1257	1293	343		1273	1300	377	1213	1367	467	1220	1400	507
										3746 1249					
Export Daily 18 Ni fine to Jough sheet flash ox block no pressure reduces in 24 compared to day water cooling 4 hours 800 deg clean export 718 — 21K2Li 7386	212	1130	1303	1337	387		1317	1430	490	1213	1373	607	1190	1380	557
	213	1143	1293	1320	353		1313	1400	453	1243	1353	553	1190	1330	587
	214	1150	1337	1367	373		1347	1437	497	1258	1373	517	1193	1330	560
										3786 1294					
Dup 212 719 4. h. 41 24 21K2Li 7866	215	1067	1257	1297	300		1247	1363	417	1230	1293	483	14 open for Export		
	216	1057	1227	1273	313		1217	1337	397	1123	1253	463			
	217	1047	1257	1297	327		1200	1317	387	1103	1247	510			
										3453 1158					
Dup 212 723 — 41 24:1 21K2Li 7767	218	1040	1257	1303	338		1277	1393	417	1233	1383	480	1343	473	
	219	1020	1233	1280	387		1267	1357	397	1213	1353	470	1333	410	
	220	1027	1253	1306	393		1310	1410	420	1287	1447	1213	1400	443	
										3735 1244					







Ra 739 4 grains ft
4.1 23.9
21K24
4705

257	1200	1367	1437	543
258	1217	1450	1490	600

Cold

256	1190	Co			
257	1213				

Drilly Sept 20 "flake"
69 By 116 ft ox block no
fe hook scabbing pumping N-
2 hours 800 paper clamp
Now 12 on 20 hours 42 24
21K24 Hours of flake burning
Grains expert
7385

258	1200	1373	1400	730
259	1197	1327	1363	333
260	1190	1350	1383	367

1277	1367	497	1167	1307	310
1250	1330	480	1117	1287	350
1267	1350	493	1117	267	383

Co

Dup 258 - Except
7/19-4-4
21K24 4.2 24
8075

261	1191	1283	1337	310
262	1177	1260	1313	350
263	1187	1263	1313	347

1200	137	447	1067	1233	360
1217	1297	447	1117	1240	397
1220	1317	450	1120	1267	393

Rescue
Co

Dup 258
723g
4.5 24
21K24 7158

264	1160	1230	1267	317
265	1143	1220	1260	297
266	1148	1220	1250	290

1267	1343	440	1217	1327	407
1257	1347	453	1200	1330	390
1257	1347	463	1217	1327	423

Co

Expert 21 Drilly Sept 20
Except 4 grains 800, Rebel H.
Cake chiefly at rock superstructure
4.5 24
21K24 7326

267	1171	1280	1316	347
268	1160	1257	1287	327
269	1167	1277	1300	267

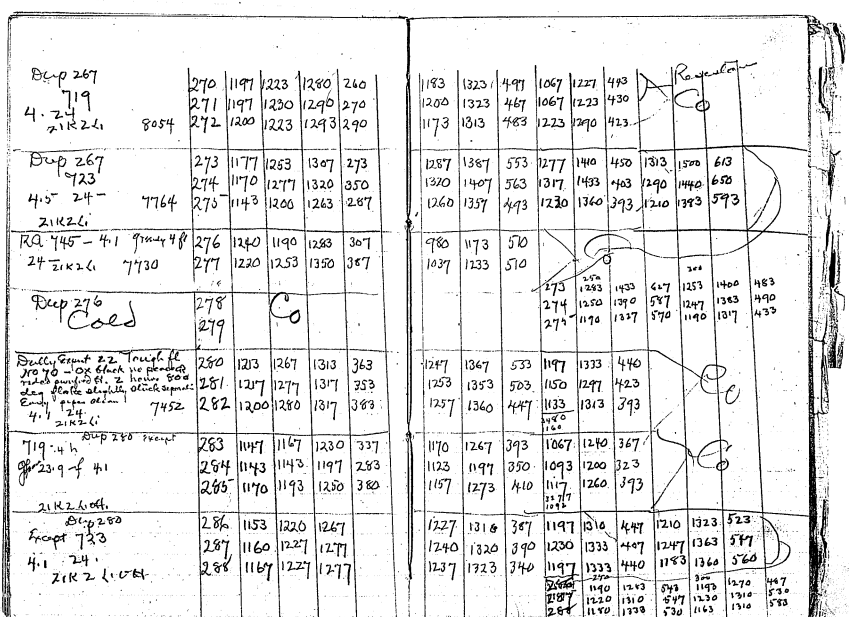
1277	1367	587	1197	1333	573
1250	1327	605	1197	1303	517
1237	1320	507	1133	1283	450

Co

100 1/2 H

1010	1213	397	890	950	397
1143	1337	393	983	1280	380

Expert Keeper -



Cold

Expt 23 Daily – Dup 22 except reduced H at 800 ft/min depressed Every proper ocean – flabby 7/18 grn 4.1 24	289	1223	1277	1313	427
	290	1223	1273	1323	453
	291	1237	1297	1337	433
Dup 289					
7/19 – 4.1 23.9	292	1200	1230	1290	393
	293	1177	1193	1250	340
21K2L	294	1200	1227	1283	390
Dup 289					
7/23 4.1 24	295	1200	1240	1287	357
	296	1160	1227	1273	357
21K2L	297	1143	1193	1243	340
Expt 24 Daily Dup of 15 Except reduced H 2 hours at 1000 ft/min ocean 7/18 green 24 – 4.4 flabby – 21K2L Channeling pronounced	298	1177	1230	1303	420
	299	1180	1227	1317	393
	300	1187	1227	1310	400
Dup 298					
7/19 4 h 4.4 23.9	301	1200	1130	1230	367
	302	1193	1267	1317	390
21K2L Channeling pronounced	303	1160	1243	1303	443
Dup 298					
7/23 – 4.2 24	304	1190	1267	1310	437
	305	1190	1280	1320	433
21K2L	306	1200	1323	1363	480
Daily Expt 25 Flabby 1A. Cut up normally until 4 hours 800 ft/min depressed Every proper ocean 7/18 4.2 24 21K2L Good	307	1227	1377	1413	517
	308	1283	1280	1330	393
	309	1227	1303	1350	427

1170	1273	397	1113	1257	567				
1123	1283	383	1067	1220	577				
1133	1283	390	1113	1220	583				
			3293 1098						
1000	1133	333	1067	1313	503	1010	1153	537	
1100	1223	363	1067	1230	497	1050	1173	493	
1123	1237	390	1133	1326	593	1100	1237	497	
			3367 1089						
1140	1330	390	1170	1393	587	1173	1330	547	
1253	1340	348	1193	1333	523	1200	1346	567	
1220	1303	403	1163	1363	463	1177	1323	540	
			3529 1196						
887	1107	440							
847	1017	410							
883	1033	363							
847	923	373							
940	1083	397							
940	1120	413							
1140	1267	437							
1173	1310	483							
1200	1333	520							
1313	1420	560	1127	1317	417				
1167	1360	477	1097	1233	413				
1207	1367	430	1120	1280	403				

Dep 307 Except 719-4 h 4.2 23.9 21K2Li	310	1217	1250	1297	377		1157	1307	367	1063	1253	400	
	311	1230	1247	1307	357		1153	1293	410	1033	1187	413	
	312	1213	1207	1273	333		1113	1278	350	1017	1170	440	
Dep 307 723- 4.1 24	313	1207	1237	1287	352		1267	1390	367	1170	1333	487	
	314	1197	1243	1280	317		1320	1407	317	1217	1343	460	
	315	1217	1257	1317	420		1300	1450	390	1217	1360	523	
Derby 26 Except Sat. 2 hours 800 718- 4.1 24 Liberty 21K2Li	316	1200	1283	1333	193		1283	1400	447	1133	1283	380	
	317	1220	1287	1330	450		1217	1357	400	1117	1293	450	
	318	1220	1317	1360	463		1253	1363	343	1193	1327	440	
Dep 316 719-4 h 4.1 23.9 21K2Li Odd	319	1183	1233	1280	310		1200	1360	340	1113	1250	427	
	320	1177	1217	1283	380		1157	1293	323	1050	1250	377	
	321	1197	1267	1303	273		1267	1343	353	1173	1297	393	
Dep 316 723- 4.2 24 21K2Li	322	1167	1217	1273	433		1287	1367	447	1227	1343	400	
	323	1187	1217	1273	463		1313	1363	393	1253	1360	363	
	324	1173	1200	1253	373		1257	1333	320	1230	1330	340	
	325	1223	1287	1330	433		1267	1373	437	1133	1303	473	
	326	1210	1267	1323	447		1280	1357	440	1150	1310	450	
	327	1205	1213	1360	400		1157	1277	387	1090	1273	523	

Cab 50

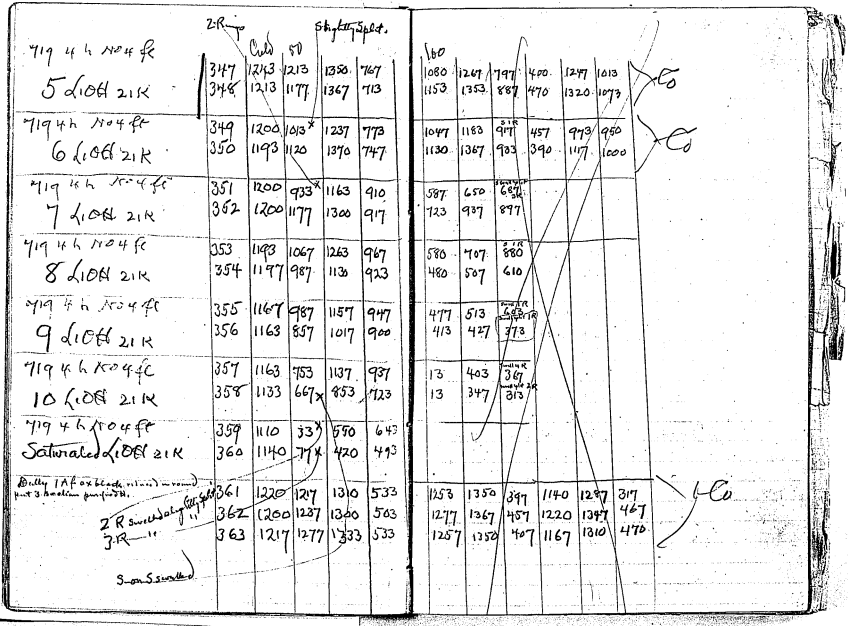
328	1193	1217	1283	333	
329	1200	1223	1293	813	
330	1190	1220	1290	800	
331	1170	1243	1300	253	
332	1173	1250	1313	343	
333	1173	1250	1310	373	
334	1193	1220	1273	447	
335	1190	1263	1313	470	
336	1200	1247	1307	527	
337	1167	1190	1263	466	
338	1170	1193	1263	467	
339	1173	1200	1280	533	
340	1143	1233	1303	487	
341	1173	1217	1280	450	
342	1147	1200	1273	407	
343	1220	1247	1327	580	
344	1243	1277	1353	617	
345	1250	1247	1337	663	
346	1233	1160	1343	653	

419 4 h 20 4 fr
413 239
· 3 lbs 21 K

419 4 h 20 4 fr
4 lbs 21 KEG

160

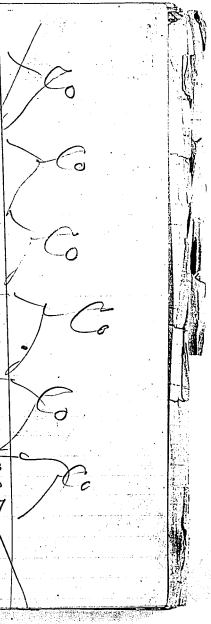
1200	1377	317	1093	1223	390				
1200	1300	360	1113	1263	430				
1217	1340	377	1150	1283	460				
1287	1377	383	1220	1363	483				
1363	1413	387	1247	1373	447				
1310	1400	360	1240	1383	443				
1260	1350	400	1177	1310	460				
1290	1380	417	1187	1323	467				
1283	1367	467	1240	1347	467				
1213	1323	373	1133	1260	387				
1230	1388	380	1160	1280	363				
1213	1347	423	1133	1287	430				
1310	1410	413	1297	1397	413	1277	1407	370	
1293	1377	423	1257	1373	383	1227	1367	403	
1277	1377	387	1227	1353	363	1227	1347	417	
1183	1333	370	1108	1217	517				
1193	1307	547	567	1100	633				
1083	1270	367	540	1257	857				
1093	1330	700	503	1257	840				



Dup of 361 except 419 4 h 4.1 28.9	364	1200	1217	1293	413
	365	1213	1243	1300	400
	366	1197	1207	1283	377
Dup ~~360~~ 361 723 grown 4 h 11 24	367	1190	1250	1313	373
	368	1180	1250	1313	377
	369	1200	1313	1357	387
Ra 740 grown 4 fl 4.3 23.8.	370	1250	1303	1373	407
	371	1260	1273	1370	383
	372	1270	1141	1257	360
Ra 741. No 4 grown fl like — 4.5 24.	373	1150	1260	1300	330
	374	1197	1257	1317	370
	375	1193	1267	1343	380
Ra 742 grown dried in deep pans grown No 4 fl - 4.3 24. Green slightly darker than no grown	376	1283	1377	1437	313
	377	1257	1350	1407	320
	378	1270	1350	1403	333
Ra 742 grown 4 fl 4.3 24.	379	1237	1303	1340	327
	380	1233	1317	1367	323
	381	1300	1323	1400	357

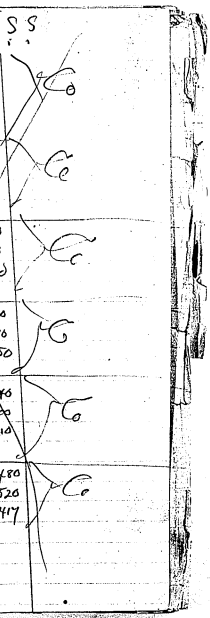
100	1/2	fl			
1197	1300	357	1130	1290	430
1220	1300	447	1140	1273	460
1217	1340	497	1170	1340	423
1290	1363	510	1233	1387	473
1300	1363	507	1237	1370	473
1350	1440	607	1283	1423	543
1157	1347	670	983	1190	563
1113	1313	634	963	1163	533
967	1197	580	867	1027	543
1180	1347	507	1007	1250	587
1217	1367	587	1033	1257	587
1217	1383	620	1020	1267	557
1223	1400	593	1043	1250	550
1217	1367	527	1030	1193	483
1123	1300	453	933	1173	460
1137	1300	507	940	1087	443
1167	1330	550	970	1167	500
1217	1363	613	1037	1193	527

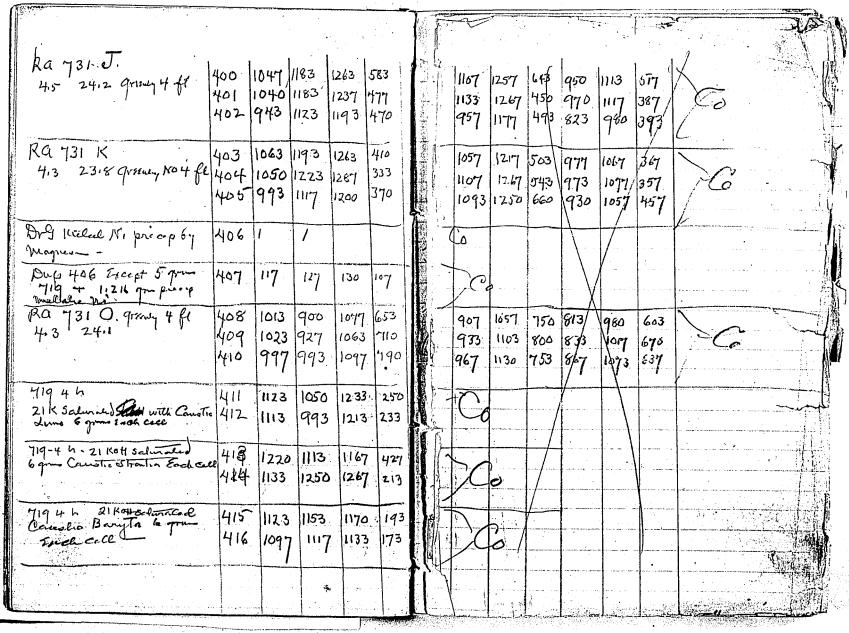
J.R.



		50	½	Hot
Ra 743 greenly Rock fc 4.5 23.9	382	1267	1337	1390	343
	383	1243	1300	1370	277
	384	1250	1313	1377	337
Ra 744 greenly Rock f 4.5 24.1	385	1243	1300	1407	420
	386	1250	1343	1410	467
	387	1253	1333	1410	543
Nicholls fm Vacuum Dryer Bed dr. 4/45 — 43 23.8 greenly Rock f fc bagley Sewage works pressure + agency (only) Outlet from settle (q.v. crushing by Rail) bradley —	388	1187	1213	1360	533
	389	1200	1223	1320	440
	390	1200	1183	1293	423
Ra 731 greenly Rock 4.3 24	391	1183	990	1167	417
	392	1213	973	1150	371
	393	1207	1067	1210	423
Ra 731 N 4.5 23.9 greenly Rock f	394	1027	1140	1210	510
	395	1007	1140	1210	527
	396	1027	1113	1207	523
Ra 731 I greenly Rock f 4.5 24.1	394	1197	1223	1290	473
	398	1197	1158	1237	507
	399	1180	1047	1183	476

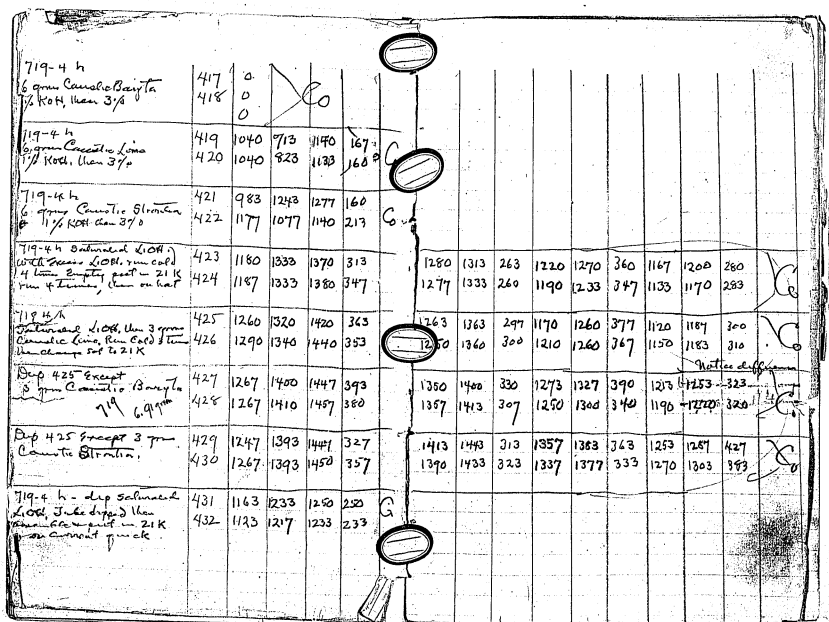
1300	1423	617	1147	1323	527	
1240	1380	577	1023	1247	510	
1250	1383	593	1087	1257	587	
1273	1460	233	1067	1263	467	
1273	1400	541	1080	1263	500	
1300	1423	583	1120	1303	530	
1083	1268	517	990	1083	433	
1133	1317	540	943	1147	443	
1123	1346	603	963	1043	500	
953	1077	553	830	947	440	
933	1110	577	827	933	490	
970	1133	553	867	947	550	
1123	1257	620	980	1197	640	
1133	1300	713	1050	1233	620	
1107	1257	713	993	1153	610	
1177	1267	643	1000	1160	480	
1133	1250	647	920	1023	520	
910	1120	573	793	930	417	



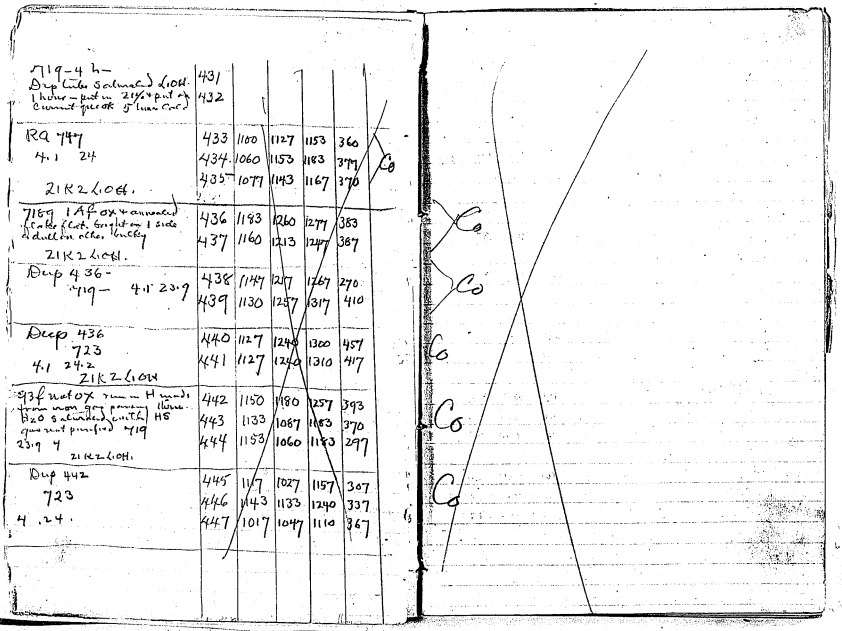


Ra 731. J. 4.5 24.2 Greasy 4 ft	400	1047	1183	1263	583	
	401	1040	1183	1237	477	
	402	943	1123	1193	470	
Ra 731 K 4.3 23.8 Greasy No 4 ft	403	1063	1193	1263	410	
	404	1050	1223	1287	333	
	405	993	1117	1200	370	
Dwg Nickel No 1 prior 67 Magnum -	406	1	1			
Dwg 426 Except 5 gms 719 + 1.214 gms prior 4 Smallpox Dil	407	117	127	130	107	
Ra 731 O. Greasy 4 ft 4.3 24.1	408	1013	900	1077	653	
	409	1023	927	1063	710	
	410	997	993	1097	790	
719 4 h 21K Salmeterol with Caustic Lime 6 gms each cell	411	1123	1050	1233	250	
	412	1113	993	1213	233	
719-4 h - 21 K of Salmeterol 6 gms Caustic Strontia Each cell	413	1220	1113	1167	427	
	414	1133	1250	1267	213	
719 4 h 21 K of Salmeterol Calcilia Barrita 6 gms Each cell	415	1123	1153	1170	193	
	416	1097	1117	1133	173	

	1107	1257	643	950	1113	577
	1133	1267	450	970	1117	387
	957	1177	493	823	980	393
	1057	1217	503	977	1067	367
	1107	1267	543	973	1077	357
	1093	1250	660	930	1057	457
Co						
Co						
	907	1057	750	813	980	603
	933	1103	800	833	1007	678
	967	1130	753	867	1073	637
Co						
Co						
Co						



719-4 h 6 gms Cannabis Baryta 1% KOH, Mean 3%	417 418	0 0 0																
719-4 h 6 gms Cannabis Lime 1% KOH, Mean 3%	419 420	1040 1040	713 823	1140 1133	167 160													
719-4 h 6 gms Cannabis Strontia & 1% KOH Mean 3%	421 422	983 1177	1243 1077	1277 1140	160 213													
719-4 h Untreated LOH) with Excess LOH, run cold 4 times Empty part = 21 K run 4 times, Mean on last	423 424	1180 1187	1338 1333	1370 1380	313 347		1280 1277	1313 1333	263 260	1220 1190	1270 1233	360 347	1167 1133	1200 1170	280 283			
719 4 h Untreated LOH, Mean 3 gms Cannabis Lime, Run Cold 3 times Mean change put to 21 K	425 426	1260 1290	1320 1340	1420 1440	363 353		1263 1290	1263 1360	297 300	1170 1210	1260 1260	377 367	1120 1150	1187 1183	300 310			
Dup 425 Except 3 gms Cannabis Baryta 719 6.99 gms	427 428	1267 1267	1400 1410	1447 1457	393 380		1350 1367	1400 1413	330 307	1273 1250	1327 1300	390 340	1213 1190	1253 1220	323 320			Notice difference
Dup 425 Except 3 gms Cannabis Strontia.	429 430	1247 1267	1393 1393	1441 1450	327 357		1413 1390	1443 1433	313 323	1357 1337	1383 1377	343 333	1253 1270	1287 1303	427 393			
719-4 h - dup saturated LOH, Tube dropped Mean Change 66 on put in 21 K on Current run ck	431 432	1163 1123	1233 1217	1250 1233	250 233													

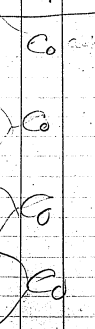


7/19-4 h- 431
Dup (Ca salmac) LiOH 432
(Water - put in 21% + put in current peak of Ivan Cur)

RQ 747	433	1100	1127	1153	360	
4.1 24	434	1060	1153	1183	377	Co
	435	1077	1143	1167	370	
21K2LiOH.						
7169 1AF ox + annealed	436	1183	1260	1277	383	Co
(cable float, together 1 side	437	1160	1213	1247	387	
a dull in other, briefly						
21K2LiOH.						
Dup 436-	438	1144	1217	1267	270	Co
719 — 4.1 23.9	439	1130	1257	1317	410	
Deep 436	440	1127	1240	1300	457	Co
723	441	1127	1240	1310	417	
4.1 24.2						
21K2LiOH						
93f mat ox run in H ground	442	1150	1180	1257	393	Co
(from same lot) removed (Water	443	1133	1087	1163	370	
H2O saturated with H2) H8	444	1153	1060	1143	297	
gun not pumped 7/19						
23.9 4						
21K2LiOH.						
Dup 442	445	1117	1027	1157	307	Co
723	446	1143	1133	1240	337	
4.24.	447	1017	1047	1110	367	

			50	1/2	#
73 fruit ox-treated with Dilp carbonoma gas about 8 o'clock 7/23 24. 4	448	1167	1213	1267	350
	449	1170	1237	1293	367
	450	1197	1237	1290	350
21 K2 LiOH.					
Dup 448 719	451	1183	1213	1267	320
	452	1183	1227	1267	300
	453	1160	1187	1247	287
10 A Niff for Rangoo 719. 4 — 23.9 4.2	454	1087	1100	1163	313
	455	1067	1067	1150	297
	456	1087	1067	1133	300
Dup 454 718 4.2 23.8	457	1173	1197	1233	357
	458	1157	1183	1227	370
	459	1170	1210	1243	397
Dup 454 723 4.2 24	460	1123	1133	1200	330
	461	1163	1163	1213	287
	462	1153	1153	1210	287
73 fruit ox bolled in Millipore with hot KOH in water bath — to break down the carbonate and it was put in the CO2 at 8 o'clock together 723 Color fix 723	463	863	943	957	320
	464	820	930	943	260
	465	863	957	973	267

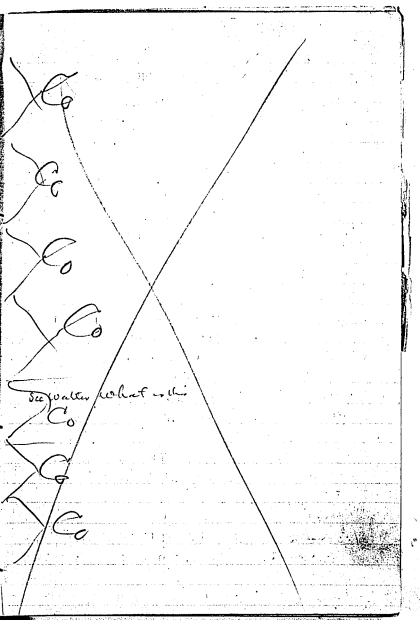
100	1/2	#	150	1/2	diff			
1267	1343	427	1347	1400	533	1287	1413	623
1290	1353	440	1317	1393	570	1293	1397	667
1267	1347	507	1310	1410	580	1293	1427	690
1243	1320	493	1253	1350	523	1217	1360	600
1267	1330	520	1260	1360	533	1213	1330	683
1223	1287	530	1253	1347	523	1257	1360	553



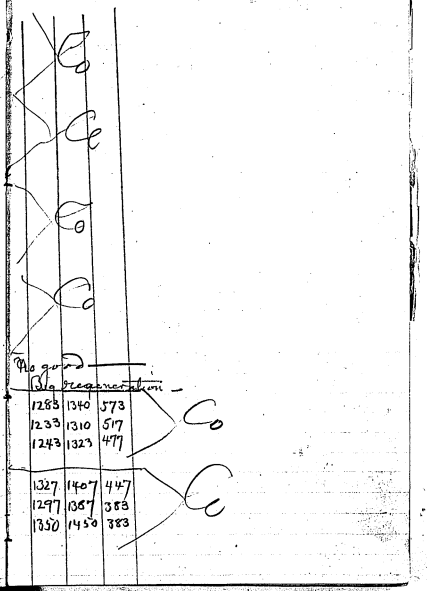
	A		50	½	H
Dup 463	466	750	840	553	253
719	467	700	793	810	190
4.1 23.9	468	750	840	850	213
Ra 719 4 73 ml fg not ox run not about 800 in City gas	469	1237	1227	1297	280
	470	1240	1190	1283	267
4.2 23.9	471	1197	1180	1260	273
Dup 469	472	1240	1263	1330	247
723	473	1237	1257	1320	313
4.2 24	474	1210	1227	1297	257
Ra 723 mill breakthrough Bi Cl3 NH4Cl some reduced Bi on flaky steel color would not ammell. 4.3 24 6.589	475	1197	1393	1557	707
	476	1210	1410	1554	727
	477	1190	1390	1537	543
Dup 475	478	1220	1400	1563	670
719 4	479	1217	1393	1573	643
4.3 23.9	480	1233	1440	1577	590
Ref stock mill from Baker Co not ox ammell 4.1 · 24.1	481	1133	1197	1253	250
	482	1170	1213	1250	317
	483	1157	1163	1260	320

| 100 | ½ | H | 150 | ½ | Har | 200 | ½ | | |

Dup 481	484	1133	1180	1253	250
723	485	1153	1183	1250	317
24. 4.1	486	1153	1197	1260	320
Stock 17 A from Colloy Co Oxide, 30 g Ammonia 723 4.3 24 1	487	1133	1170	1233	310
	488	1110	1170	1243	333
	489	1158	1197	1257	353
Dup 487 719	490	1153	1183	1237	297
	491	1170	1193	1240	297
	492	1170	1183	1237	293
Buffalo foundry Co Vacuum dried pre-calcined 4.1 24 Brandt's reduction ring green	493	1143	1247	1320	357
	494	1167	1243	1313	310
	495	1173	1227	1330	360
719 44 24.1 42	496	1193	1250	1310	293
	497	1180	1263	1333	343
Dup 496 except 723 green 4.3 24	498	1173	1263	1323	317
	499	1177	1273	1333	283
723 green 21K 3 grm Lithr. Carbonate Each cell —	500	1067	1170	1200	277
	501	1047	1143	1163	260
	502	1073	1197	1223	297


Co
Co
Co

Dup 508					
Except 719-4	503	1083	1197	1203	263
21N 3 for Lill Camb.	504	1067	1160	1183	280
	505	1083	1197	1223	287
719-4 4 grown	506	1143	1217	1253	
	507	1150	1217	1267	
	508	1153	1243	1308	
Flasks 73 not ox not Hy Drop in Hot KCyn clear Connected free 719	509	1140	1230	1287	280
	510	1150	1217	1263	290
	511	1103	1157	1210	260
Dup 509	512	1140	1187	1243	270
727	513	1137	1177	1240	250
	514	1120	1177	1230	213
off 9920. Seam opened out on Trifles, purge this! Horses Arum back- Pinkish 25YR 4/2-	515	980			
	515				
JT's 2 A wif ox- thorn H — 719- flasks quite normal Cambridge Fillers	516	1183	1310	1350	320
	517	1147	1237	1300	303
	518	1147	1243	1313	297
Dup 516	519	1173	1317	1363	287
723 —	520	1167	1277	1343	293
	521	1183	1330	1387	304



		Cubed	50	½	Wet
Stock 18A 16A 3A of 1A, 0X 4 recovered – 719-4	522	1113	1227	1270	247
	523	1163	1260	1320	297
	524	1173	1273	1350	307
724 given 2 cakes) 20 mm in Long Thick Hyss all free Eyed (mixed) wet Hot dried) put in KOH = heated several hours then washed thoroughly until no more free Caustic found well recovered = 10 Ext Cut. 164 Hot: ½ 2¼ 2½2 Cloth 823	525	1140	1350	1363	883
	526	1147	1298	1343	1053
	527	1147	1300	1327	1023
719 treated one week Lithalloperchlorite with free Cloth – recovered well 2½2 Cloth. 704 Hot:	528	1147	1293	1350	363
	529	1133	1237	1293	333
	530	1133	1273	1320	383
Dup 528 best 734 given me	531	1163	1310	1367	340
	532	1163	1300	1363	360
	533	1163	1310	1367	357
Dup 522 except 723 cut.	534	1133	1230	1283	267
	535	1137	1237	1307	270
	536	1130	1233	1303	257
Stock 2A not cut but thinned. 723 –	537	1197	1320	1387	323
	538	1183	1287	1357	290
	539	1173	1287	1360	347
Dup 537 719 –	540	1187	1287	1360	370
	541	1163	1243	1307	340
	542	1183	1273	1333	367

100	½	H	150	½	H	200	½	H		
1193	1477	320								
1240	1328	363				527	250 1410	1447	483	
1280	1377	407				22 27	1320 1293	1367 1340	1010 1058	
1247	1267	1097	1337	1377	1120	1350	1403	983		
1237	1253	1137	1290	1333	1123	1153	1230	1187		
1243	1263	1173	1393	1437	1090	1320	1363	1120		
1263	1353	593								
1220	1297	540								
1260	1350	587								
							250			
						540	1193	1373	610	
1330	1417	553				41	1147	1350	567	
1307	1383	523				42	1173	1377	597	
1333	1427	497								
							250			
1220	1300	463				537	1193	1433	623	
1257	1340	343				38	1193	1447	603	
1260	1346	400				39	1207	1437	587	
1347	1450	467	1293	1457	450	1333	1487	600		
1313	1417	403	1293	1417	473	1283	1473	620		
1320	1400	393	1293	1407	463	1333	1473	620		
1293	1383	427	1237	1370	477	1270	1413	617		
1240	1327	406	1227	1347	383	1220	1367	507		
1270	1363	433	1227	1353	497	1227	1397	533		

		Cold	50	½	Hot
RA 748 – 4fg granulocytes	543	1133	1317	1353	413
	544	1140	1307	1347	370
	545	1140	1320	1360	383
734 fg Pneumococci grown without 10% Rbc	546				
No 66 or 94 flasks not OK but Throw H – 419.4 –	547	1147	1227	1283	230
	548	1190	1257	1320	270
	549	1130	1207	1263	280
15 reps 547 723	550	1133	1240	1320	307
	551	1160	1233	1320	367
	552	1197	1317	1390	370
Sample 106 20A Shook Shearer (flake separate) – Crook propeller not OK or Throw H – Lima – 723 blakes (flake scorched, had change sleeves) –	553	1090	1167	1250	300
	554	1100	1177	1253	287
	555	1087	1173	1263	260
Dup 553 719 4 h	556	1100	1173	1250	230
	557	1093	1150	1240	260
	558	1107	1167	1243	243
14 A f not ok. Throw H 723	559	1150	1217	1277	283
	560	1123	1180	1250	260
	561	1127	1180	1250	290

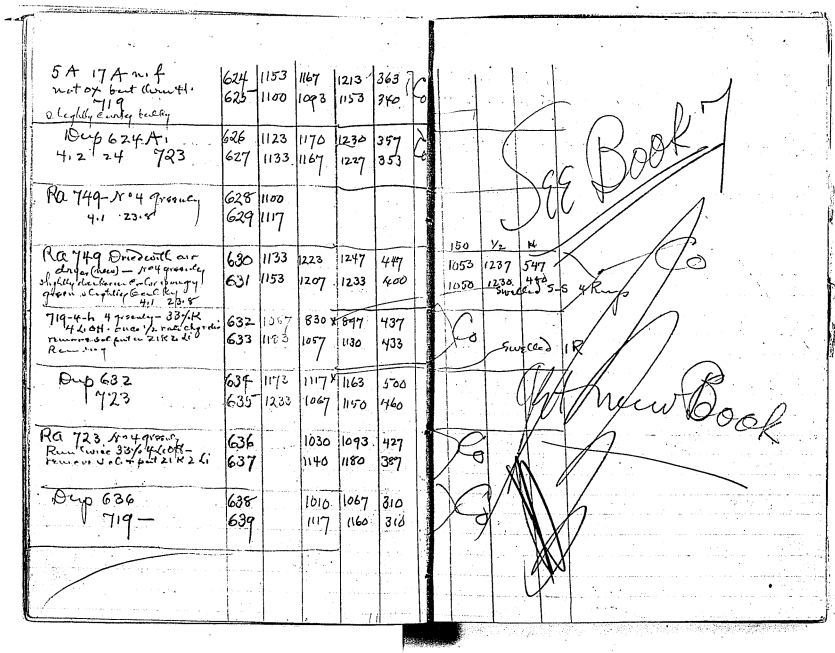
100	½	Hot	150	½	H	250	½	H
1333	1420	520			556	1193	1390	500
1297	1377	487			557	1143	1307	507
1310	1393	540			558	1163	1340	510
					559	1147	1313	490
					560	1153	1327	503
					561	1153	1340	553
1187	1257	473						
1240	1297	513						
1183	1253	497						
						250		
1223	1307	491			553	1290	1433	373
1240	1323	480			554	1340	1483	457
1307	1387	507			555	1273	1423	467
1163	1270	373	1233	1367	513	1237	1423	367
1163	1283	403	1263	1390	570	1270	1463	447
1163	1273	407	1243	1377	483	1210	1417	467
1133	1247	377	1193	1363	450	1187	1327	490
1120	1223	377	1157	1280	477	1133	1307	513
1133	1240	347	1187	1313	413	1163	1323	550
1187	1270	390	1258	1353	177	1207	1347	480
1160	1260	333	1207	1317	422	1167	1330	603
1167	1287	333	1233	1317	387	1187	1353	627

			50	1/2	tbl
Dup 559	562	1140	1197	1250	243
7/9 4 h	563	1137	1197	1253	157
	564	1177	1247	1300	230
*118 grams 20A showered off	565	1150	1303	1350	300
not all on thumb + considers 2 settled N/A	566	1107	1253	1313	303
Solution on 21K3 2100 chg's drift more					
at 1/4 separate then stops but is					
21K 2100 grams 3 hours					
Observes that Most bubbly floats over					
and Sunspot 448.					
has change happen slower -					
Dup 565	567	1088	1237	1317	287
7/9 - 4 - 24	568	1103	1250	1340	287
Dup 565	569	1103	1233	1330	317
723	570	1070	1200	1310	320
4 24					
Dup 565 Ra 734 gr	571	1193	1467	1523	643
Continuing 16.8% Breakthrough	572	1171	1393	1423	900
1068 Lot 4! 23.9.					
*118 Showered (Lots No 106-20A	573	1133	1247	1323	483
Stock on 18.2 Chg's drift to	574	1117	1253	1323	453
21K 1400 M. 1/4 Degrades then					
Changes To 21K 2600. 4 24					
Dup 573	575	1097	1223	1343	397
7/9	576	1093	1237	1330	367

100	1/2	tbl				200	1/2	Half
1133	1227	327						
1133	1227	250						
1197	1287	303						
1320	1383	347	1293	1407	507	1307	1383	447
1263	1387	370	1237	1393	533	1283	1397	653
1263	1350	300	1237	1391	537	1290	1413	433
1263	1350	350	1243	1400	583	1290	1413	490
1287	1363	353	1273	1423	577	1333	1453	483
1243	1333	333	1213	1387	540	1280	1413	487
1500	1527	513	1497	1530	1227	1417	1443	963
1287	1320	730	1400	1430	1140	1400	1427	750
1287	1343	507	1273	1393	687	1320	1420	577
1263	1333	447	1243	1367	663	1280	1390	553
1263	1360	413	1237	1393	610	1280	1400	473
1263	1343	370	1233	1383	637	1257	1390	470

	Bad start spot 2 R	Bad beat		Rent			Rent										
										150	½	H	200	½	H		
Dup 589 723.		593 594	1117 1163	1287 1323	1417 1430	543 723	1340 1400	1447 1480	493 533	1297 1383	1443 1523	627 693	1353 1380	1520 1577	573 657		
Dup 589 734 16-8/16 Bismuth.		595 596	1320 1320	1440 1440	1463 1463	993 1033	1400 1433	1433 1473	477 667	1443 1443	1467 1477	1060 1100	1287 320	137 1370	1043 977	Bent	
723- Shewed fe- ran twice ¼ rate 33%/R ¼ both. Then changed to 21K2 both ways on		597 598	1160 1170	1247 1250	1313 1317	537 650											
Dup 597 719		599 600	1140 1117	1247 1200	1310 1263	637 703	1297 1260	1367 1343	463 577	Bad beat	Bad beat spot 1R broken						
Dup 553 & A cinnamon Except 718-		601 602 603	1207 1203 1177	1250 1230 1167	1290 1247 1210	703 593 488											
734 16-8 Bismuth 10 fe Reran 10 hours at ¼ rate then changed to ¼ rate Lower levels Reran every run 21K 2 both.		604 605	1167 1210	1483 1433	1490 1450	697 660	1353 1427	1427 1453	1013 827	1370 1397	1393 1423	1197 1223	1183 1207	1213 1247	1000 897		
723- showed fe- started 3 miles fe crosscut dump 293 dump 21K2 both- 6.730 tons		606 607	1246 1233	1313 1300	1353 1330	440 423	1400 1363	1463 1407	583 560	1400 1363	1510 1457	657 650	1437 1410	1537 1497	517 517		
723 Dup 606 2 miles fe crosscut dump 309 Dump 6.941 tons		608 609	1257 1260	1350 1350	1393 1383	453 410	1400 1410	1453 1463	590 660	1363 1460	1473 1573	647 537	1433 1433	1530 1553	490 493		

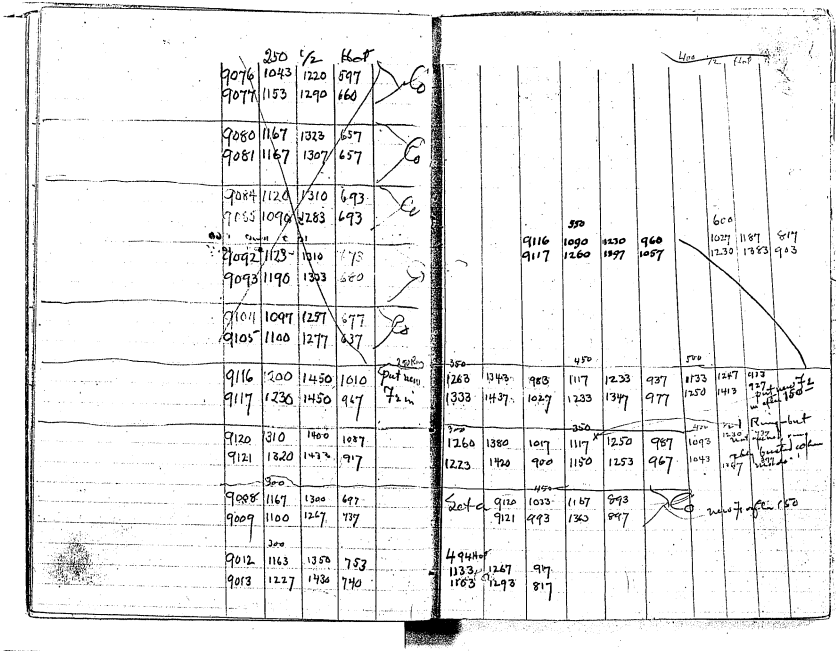
723 – 3 comm ant all fine limit 4 gr to inch 4 gr only ff – 4 24.	610	1230	1293	1333	387	
	611	1223	1293	1333	403	
Stock A 18 – lot 101 mf not ox – Iron H – 719 – only 4 ff for 4 Lutes: Dearby Cornet	612	1080	1100	1160	343	
	613	1110	1127	1180	403	
Dup 612 723	614	1103	1140	1207	420	
	615	1083	1120	1183	417	
Lot 61 Stock 6 A mf not ox Cut Iron H – 719	618	1157	1153	1217	493	
	617	1157	1183	1247	463	
723 Dup 616 A.	618	1133	1190	1243	413	
	619	1133	1213	1273	417	
Lot 65 Stock A, mf not ox Cut Iron H – 723 4.3 24.1	620	1130	1153	1217	377	
	621	1160	1230	1273	397	
Dup 620 A. 719	622	1157	1183	1227	343	
	623	1143	1153	1207	357	

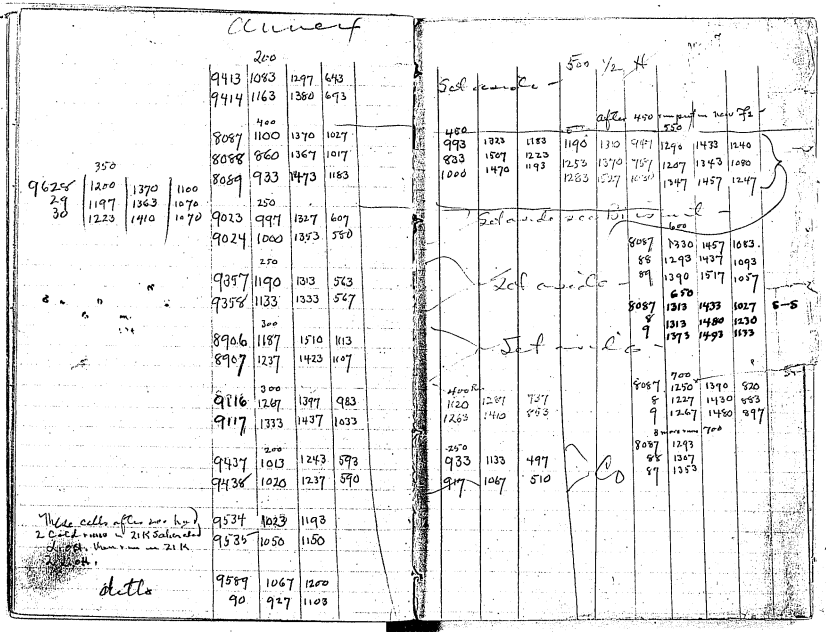

See Book 7
New Book

Chimney

	250	½	Half
8805	1183	1367	633
8806	1183	1316	633
	400		
8807	1293	1380	1150
8808	1253	1327	1093
	250		
8809	1203	1303	1083
8810	1150	1237	1017
8822	1253	1423	917
8823	1187	1517	907
8833	1217	1377	920
8834	1213	1450	1027
9025	1100	1237	603
9026	1127	1287	653
9027	1093	1260	650
9028	1120	1293	640
9072	1120	1317	640
9073	1140	1347	667

300	½	Hot	350	½	Hot	400	½	H	
1160	1397	633							
1180	1360	630							
453	½	H	500			550			
1263	1347	760	1303	1383	890	1330	1357	833	
1218	1290	817	1293	1373	910	1280	1340	863	
450			500			550			
1157	1263	880	1173	1283	850	1140	1240	773	
1067	1157	767	1100	1197	770	1077	1157	733	
1257	1490	1000							
990	1957	793							
1253	1457	1103	1237	1417	1133	977	1437	880	
1177	1520	1153	1087	1417	1077	900	1467	980	
			450			588			
		8833	1230	1310	1093	1210	1280	1053	
		8834	1287	1383	1060	1297	1397	1200	
		8833	588						
		34	1180	1230	1043				
			1267	1390	1090				
			600						
		8807	1293	1347	713				
		8808	1220	1247	1243				
		8809	1083	1190	817				
		8810	1016	1090	710				
			600						
		8833	1090	1177	853				
		34	1200	1343	930				





Aumaf

	300	½	M.
9136	1090	1320	783
9137	1120	1370	790
9138	1123	1360	833
9145	1047	1303	773
9146	1017	1260	753
9147	1057	1353	750
9154	1103	1367	790
9155	1080	1310	810
9156	1133	1397	900
9172	1173	1380	723
9173	1107	1327	690
9174	1107	1350	617
9178	1133	1330	573
9179	1067	1297	597
9180	1037	1327	690
9184	1067	1133	720
9185	1123	1333	770
9186	1127	1397	777
8854	1017	1113	633
8855	1180	1287	857
8856	1133	1237	740
8807	1203	1347	780
8808	1213	1290	817
8807			

BS

500R

950R

Cacl Test

New Jaffa 450 nw

all Hum put in 21R Saturated cloth, run 6 hot then back — 21K 2 cloth — Cold run after

1123	1273	1027	Split 4 R
987	1230	1063	" 4 R
867	980	1050	" 4 R
923	1143	1097	1 R.
880	1050	1073	Split
987	1237	1053	
923	1143	1033	Split 3 R
933	1077	1020	" 3 R
1017	1273	1093	" 1 R
940	1250	1130	Swollen 2 R
953	1237	1037	" 2 R
943	1310	1093	" 1 R
990	1360	1157	Swollen 1 R
950	1287	1047	" 2 R.
867	1190	1157	
940	1163	1193	Split 2 R
950	1243	1090	Swollen 3 R
923	1157	1046	" 2 R.
943	1050	590	
1117	1200	943	
1183	1257	920	

Broke out Cl Rub removed insert to Dr of to test ½ Rubber to Mr —

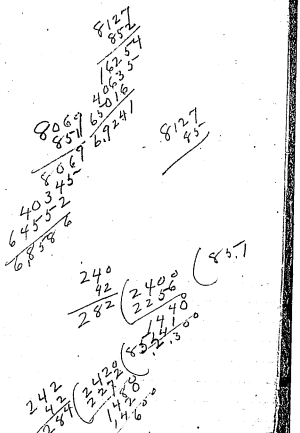
Often 200 hot. inside 3" Pilsen in ZIK 8 adjacent L.Coff—then in one box in ZIK 2 Cold.	9604	900	1150	
	9605	983	1173	
	9606	970	1197	
Ditto	9611	783	1183	
	9112	753	950	
Ditto	9615	850	1100	
	9616	847	1100	
Ditto	9619	799	950	
	9620	950	873	
	9530	950 967	1123	757
	9531	933	1170	777
	9548	950 1117	1257	657
	9549	1083	1183	667
	9550	1010	1123	683
	9551	1000	1193	687

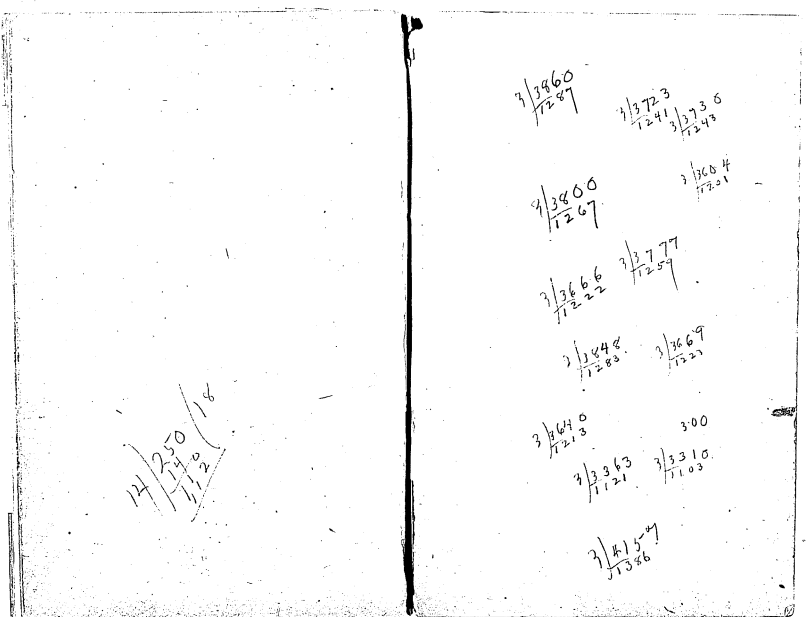
24 ft	17	bends before breaking-	Weakest Tensile (3)
3 "	10	"	
4 "	12	"	
9 "	10	"	
19-20	11	"	
23	13	"	
35	19	"	

good tubes without 24th Jan 25

		25	50	100	
708	Soaked NH4 —	1179	1127	1106	
714	RA CP Soda	1215	1167	1174	
	Mass action green 6079	1186	1130	1147	
	707 no wash filtered,	1191	1174	1182	
8190	Mich in green	1162	1052	1101	
8292	green dark 3 gm Aluminum — Kalt	1059	1133	1114	
	$Ni O_2 H_2$ in Conc NH_4 NH_4Cl	1181	1113	1137	
8439	BrSoy green	1211	1219	1238	
8514	RA 721 ½ w filtered	1239	1218		
9557	" kept - Decant -	1267	1232		
8553	" Percol	1283	1213		
8559	"	1121	1103		
	not filtered Decant	1259	1223		
8574	"	1241	1201		
8580	1062 RA. Percol	1287	1243		
8586	" Decant				
7782	RA 708 7 f	1054		1034	1088
7788	" heated, 7 f	1074		1067	1132
7794	" not heat 10 f	994		994	1038
7868	RA 716 ½ w not filt Co free Kepro	1110		1093	1110
8409	Bact Chromat K	1211	1217	1230	

721Ra	2.16%	Ni_3CO_3
708	1.5	"
719	0.88	"
707	2.40	"





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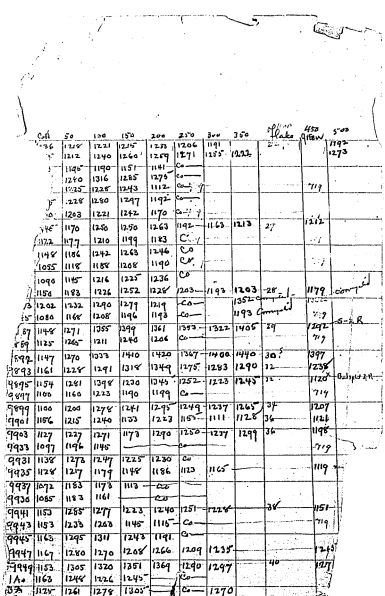

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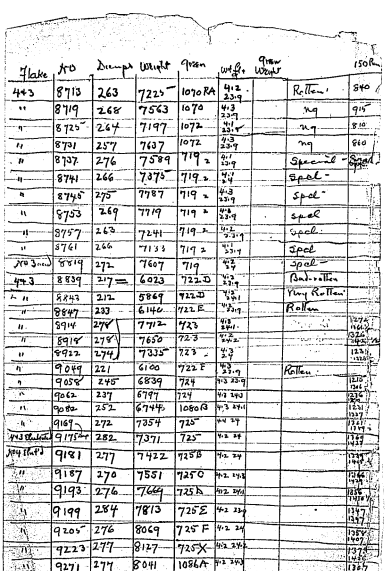

Flake	STD	Disp%	Weight	Grain	Wt/Gr	Grain Weight		ISOR
443	8713	263	7225	1070 RA	4:2 23:9		Rotten	840
"	8719	268	7583	1070	4:3 23:9		ng	915
"	8725	264	7197	1072	4:1 23:9		ng	810
"	8731	257	7637	1072	4:3 23:9		ng	840
"	8737	276	7589	719 2	4:1 23:9		Special	Spec
"	8741	266	7375	719 2	4:1 23:9		Spal	
"	8745	275	7787	719 2	4:3 23:9		Spal	
"	8753	269	7719	719 2	4:3 23:9		spal	
"	8757	263	7241	719 2	4:1 23:9		Spal	
"	8761	266	7133	719 2	4:1 23:9		Spal	
443 Bad	8819	272	7607	719	4:2 23:9		Spal	
443	8839	217 =	6023	722 D	4:3 23:9		Bad-rotten	
"	8843	272	5869	722 D	4:1 23:9		Ring Rotten	
"	8847	233	6140	722 E	4:2 23:9		Rotten	
"	8914	274	7712	723	4:3 23:9			
"	8918	278	7650	723	4:3 23:9			
"	8922	274	7335	723	4:3 23:9			
"	9044	221	6100	722 F	4:3 23:9		Rotten	
"	9058	245	6839	724	4:3 23:9			
"	9062	237	6787	724	4:2 23:9			
"	9088	252	6744	1080 G	4:3 23:9			
"	9167	272	7354	725	4:4 23:9			
443 Bad	9171	282	7371	725	4:2 23:9			
443 Bad	9181	277	7422	725 B	4:2 23:9			
"	9187	270	7551	725 C	4:2 23:9			
"	9193	276	7669	725 D	4:2 23:9			
"	9199	284	7813	725 E	4:2 23:9			
"	9205	276	8069	725 F	4:2 23:9			
"	9223	277	8127	725 X	4:2 23:9			
"	9271	279	8041	1086 A	4:2 23:9			

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Not OX 2 Lost

	(Calf)	50	100	150	Comp.	
9660–719	1136	1218	1221	1215	1233	22 f crumpled by hand
9662 723	1135	1212	1240	1260	1259	
9663 719	1110	1195	1190	1151	1141	24 f had is crumpled by hand to feed
9664 723	1156	1230	1316	1285	1275	24 f " "
9865 719	1145	1225	1228	1243	1112	25 f
9867 723	1170	1225	1250	1297	1192	25 f "
9869 719	1160	1206	1221	1242	1170	27 f Considering the weather and the Curing it runs a great deal happen not very healthy do the heavy part left in sick — Operation of work dressing) Sickness all out upon that get a piece of ground set off from any
9871 723	1145	1170	1250	1250	1263	
9873 719	1122	1177	1210	1199	1183	33 f not ox healthy
9875 723	1148	1186	1242	1263	1246	33 f "
9877 719	1055	1118	1188	1208	1190	26 f not ox healthy
9879 723	1090	1145	1216	1225	1236	
9881 719	1150	1183	1226	1252	1228	28 f not ox very poor in Curing the cattle in general from the Curing of the Cattle that were put back in separate yards and dressed for Curing Monthly fairs decent yet in regular of 70 to 80 (all) & from ox from the last H
9883	1202	1232	1290	1279	1219	
9885 719	1080	1168	1208	1196	1193	29 f not ox healthy
9887 723	1148	1271	1355	1399	1361	29 f " "
9889 719	1129	1205	1211	1240	1206	30 f not ox
9891 723	1147	1270	1333	1410	1420	30 f "
9893 719	1161	1228	1291	1318	1349	32 f not ox
9895 723	1154	1281	1398	1230	1345	32 f "

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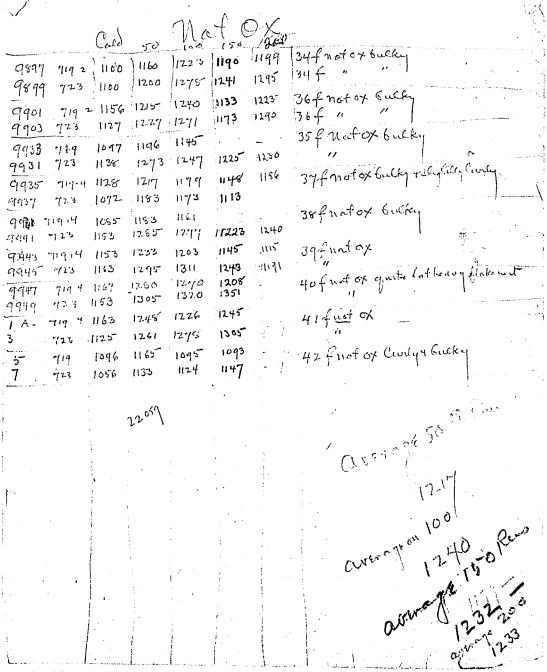

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Oxidized Church —

9672	723	1092	1120			22 f ox + Church.
9674	719	1090	1003			22 f "
9706	723	1151	1130			34 f ox + Church
9705	719	1068	968	1066		24 f " " "
9905	719	1123	1193	1183	1161	-1197 26 f Ox + Church & Lucky
9907	723	1162	1255	1241	1193	1219 26 f " " " "
9909	719	1150	1198	1188	1132	1207 27 f Ox + H. Lucky
9911	723	1153	1226	1237	1200	27 f " "
9913	719	1176	1253	1232	1075	- 28 f ox + H. Slightly Lucky
9915	723	1185	1253	1188	1093	- 28 f " " "
9917	719	1180	1205	1106	991	- 29 f ox + H - Slightly Lucky
9919	723	1196	1178	1000	967	- 29 f " "
9921	719	1188	1192	1040	955	- 32 f ox + Church — (Two samples mixed up sent 2 samples marked 32
9923	723	1186	1171	1053	1093	-
9	719	1215	1253	1120	1146	- 36 f ox + Church. Lucky
11	723	1216	1276	1368	1348	-
13	719	1201	1253	1271	1236	32 f ox + Church.
15	723	1210	1343	1293	1236	
17	719	1049	1162	1155	1190	34 f ox + Church.
19	723	1067	1163	1151	1196	
21	719	1063	1175	1168	1190	35 f ox + Church.
23	723	1048	1160	1175	1178	
25	719	1200	1215	1210	1206	36 f ox + Church
27	723	1218	1238	1263	1260	
29	719	1240	1255	1098	1103	33 f ox + Church
31	723	1246	1271	1250	1265	
			31194		26866	

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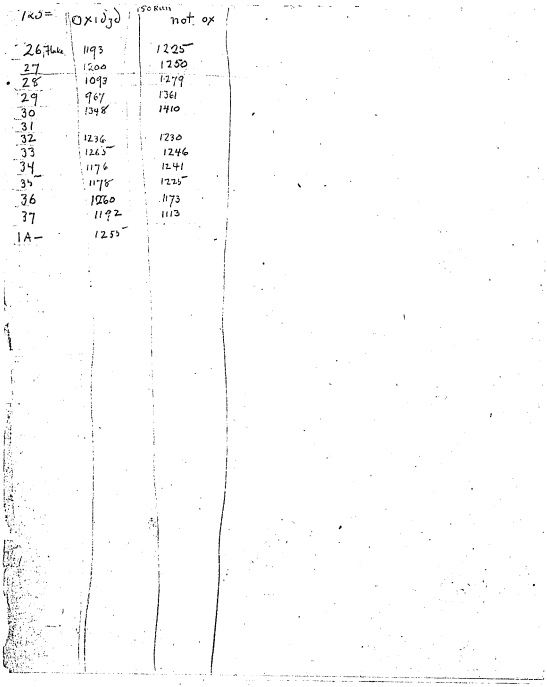

1KO=	(0×1.0)0	150 RMH not ox
26 Tue	1193	1225
27	1200	1250
28	1093	1279
29	967	1361
30	1348	1410
31		
32	1236	1230
33	1265	1246
34	1176	1241
35	1178	1225
36	1060	1173
37	1192	1113
1A—	1253	

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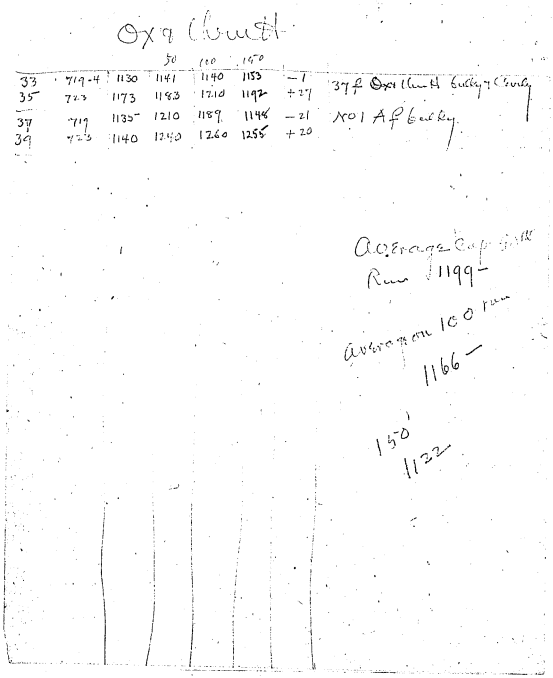

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1 Aflaki – Daily Ox & Chuck 1 Ox & Black

		Cond	50	100	150		
59	718	1192	1301	1298	1236	−5	Ox & Black seeded depth Bubbles
62	719	1205	1227	1195	1180	−32	(Conc H_2SO_4 – Pipes wet.
65	723	1192	1237	1280	1241	+43	4 hours 800 Fahr
68	718	1110	1252	1255	1222	+3	2 hours 800 Fahr
71	719	1074	1149	1161	1105	+12	
74	723	1012	1178	1224	1187	+46	
77	718	1156	1232		1144		1 hour 800 Fahr
80	719	1141	1217	1208	1163	−9	Blemish Scaley
83	723	1098	1244	1268	1182	+24	
86	718	1171	1276	1259	1169	−17	Reduced K not provided Surf
89	719	1136	1202	1175	1104	−27	Pipes wet with acid —
92	723	1132	1226	1272	1217	+46	(See Corrosion equipment) 4 hours 800 Fahr
95	718	1196	1249	1267	1115	−31	ditto 2 hour 800
98	719	1181	1259	1162	—	+3	
101	723	1172	1287	1359	1331	+72	
104	718	1201	1273	1271	1193	−2	Reduced compression & collapse pipes
107	719	1195	1231	1238	1163	+7	corroded from acid —
110	723	1180	1250	1301	1209	+51	2 hours 800 Fahr
113	718	1217	1301	1190	1069	−11	Ditto 4 hours 800 -
116	719	1266	1248	1209	1121	−37	
119	723	1239	1273	1280	1190	+7	
122	718	1211	1309	1290	1163	−19	Ditto 1 hour 800
125	719	1249	1256	1243	1145	−13	
128	723	1209	1257	1308	1234	+51	

3024

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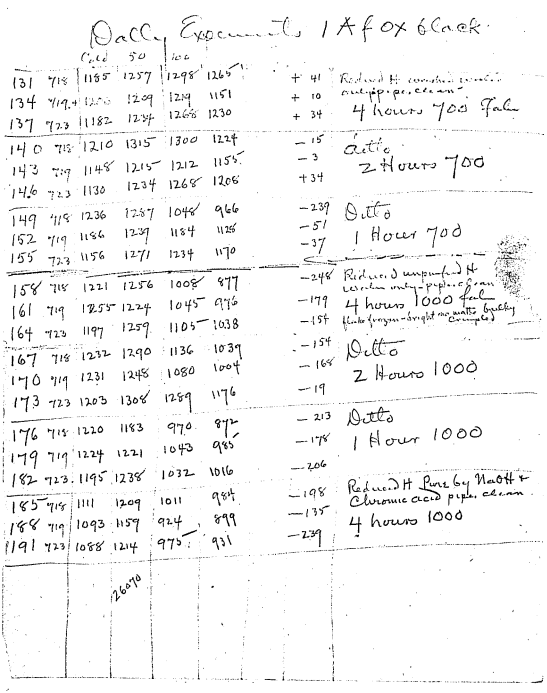
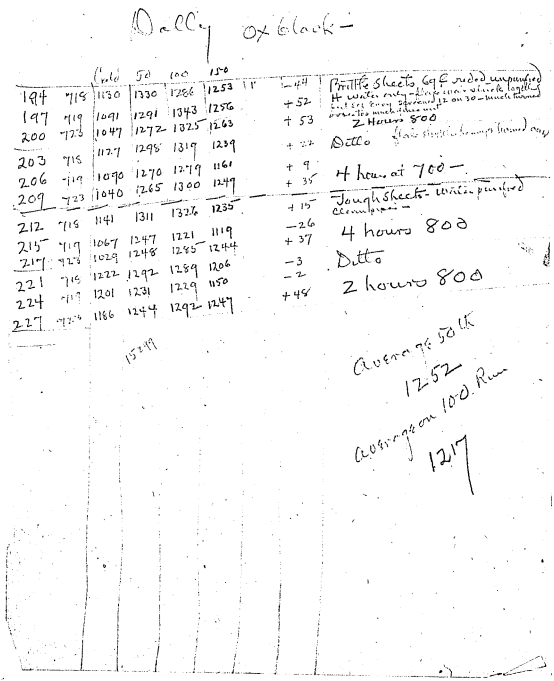


Daily Experiments 1 A fox black

		Cold	50	100		
131	718	1195	1257	1298	1265	+ 41 Reduced H. cornelian cherries + 10 mulipp. per. cream
134	719.4	1200	1209	1219	1151	+ 34 4 hours 700 Tab
137	723	1182	1234	1268	1230	
140	718	1210	1315	1300	1224	− 15 Ditto
143	719	1148	1215	1212	1158	− 3 2 Hours 700
146	723	1130	1234	1268	1206	+ 34
149	718	1236	1287	1048	966	−239 Ditto
152	719	1186	1239	1184	1126	− 57 1 Hour 700
155	723	1156	1271	1234	1170	− 37
158	718	1221	1256	1008	877	−248 Reduced unpurified H cornelian mulp. pipp. cream
161	719	1255	1224	1045	976	−179 4 hours 1000 Tab
164	723	1197	1259	1105	1038	−154 Hinks Jenyns + bright manitis barley Cummings
167	718	1232	1290	1136	1039	−154 Ditto
170	719	1231	1248	1080	1004	−168 2 Hours 1000
173	723	1203	1308	1289	1176	−19
176	718	1220	1183	970	872	− 213 Ditto
179	719	1224	1221	1043	985	−178 1 Hour 1000
182	723	1195	1238	1032	1016	−206
185	718	1111	1209	1011	904	−198 Reduced H Pure by Nordh + Chromic acid pipp. cream
188	719	1093	1159	924	899	−135 4 hours 1000
191	723	1088	1214	975	931	−239

2690

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